**Aakash B**

**Sr Full Stack Developer**

Email: **b.aakash7752@gmail.com**

Phone no: **972-399-9763**

LinkedIn: https://www.linkedin.com/in/b-aakash7752

**Professional Summary:**

* Have around **8** **years** of professional IT experience in designing, deploying and scalable applications.
* Experience working with different SDLC including Requirement gathering, Analysis, Design, Coding, Testing, and Implementation like **AGILE** (SCRUM).
* Hands-on experience on front-end frameworks **HTML5**, **CSS3, JavaScript, jQuery, Angular, React, Node.js, Bootstrap** and **Spring MVC.**
* Hands-on experience with **Java 8/11** includes Multithreading, Exception Handling, Concurrency, Generics, File Handling I/O, Data Structures and Collections, Polymorphism and Garbage Collections.
* Experience in implementing **Microservices** using **Spring boot**.
* Proficient in using Java libraries and frameworks such as **Android** **Jetpack** and **Android SDK** implement key functionalities and integrate with backend services and APIs.
* Experienced in developing applications using IDEs like Eclipse, IntelliJ, VS Code as well as, build tools like **Maven** and **Gradle**.
* Worked on different relational databases **MYSQL,** **PostgreSQL, Oracle**, **MS SQL,** and NoSQL databases like **MongoDB**.
* Proficient in utilizing **TOGAF** principles and frameworks to design and develop enterprise-level Java applications, ensuring alignment with business goals and architecture standards.
* Expertise in using Microsoft Azure Services like **Azure Pipeline** and **Azure Boards**.
* practical experience of Amazon Web Services, including **EC2, S3, RDS**, and the ability to deploy on EC2 instances and connect to RDS databases.
* Hands-on experience in **Google Cloud** and services like **Compute Engine** and **Google Kubernetes** Engine.
* Experience in Message Queue (MQ) services like **Apache Kafka**, **Apache MQ**.
* Hands-on experience in using **Splunk** tools in tracking and monitoring applications.
* substantial experience in the **OAuth 2.0** and **Spring security** technologies.
* having practical experience using **Log4j** and **SLF4J** for logging and debugging purposes.
* Experienced in **GitHub, Code commit** and **Bit bucket** for code management and version control.
* Hands-on experience with building Java projects using build tools like **Maven**, and **Gradle**.
* Experienced in writing test cases and testing applications using with **Junit and Cucumber BDD.**

**Technical Skills:**

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| --- | --- |
| **Programming Languages** | Java, PL/SQL, JavaScript, HTML |
| **UI Technologies** | HTML5, CSS3, JavaScript 2.0, Angular, React, Node.js, Bootstrap |
| **Databases** | Oracle, SQL, My SQL, MongoDB, Cosmos DB, MS SQL server, Postgre SQL |
| **Build Tools** | Maven, Gradle, Docker, JIRA |
| **Cloud Technologies** | Azure – Virtual Machines, App Services, ARM, AKS. AWS – EC2, EKS, S3, Security Groups, RDS, CloudWatch, Lambda  |
| **Testing Tools, Logging Tools** | JUnit, Postman, JEST, log4j, slf4j, JUL |
| **Monitoring Tools, Tracking Tools** | Splunk, Azure Boards, JIRA, CloudWatch |
| **Message Tools** | Apache Kafka, AWS SQS |
| **Version Control**  | GitHub, Code Commit, Bit Bucket |
| **Security Frameworks**  | Spring Security, Oauth 2 |

Nomura, New York November 2022 - Present

SENIOR FULL STACK DEVELOPER

**Job Description:**

Nomura is a global financial services company, it has a significant presence in various financial centrals around the world and it operates as an important hub for its investment banking and capital markets activities. As a Senior Full Stack Developer at Nomura, my primary role is to design, develop, and maintain the software components of the Risk Management System. I am responsible for ensuring that the system fulfills the organization's requirements, as well as making sure that it is secure, scalable, and easily maintainable.

**Responsibilities:**

* Work collaboratively with cross-functional teams to deliver software solutions using **Agile-Scrum** methodology.
* Designed and developed User Interface high-quality software solutions that meet the requirements of the risk management system using **Angular 9, Bootstrap, Node.js and JavaScript**.
* **NPM** is primarily used for managing packages and dependencies in Node.js applications.
* Involved in creating responsive web applications with **Angular**, ensuring a seamless user experience across different devices and screen sizes.
* Develop and maintain **RESTful web services** using **Java 11**, **Spring Boot** framework and worked with Java 1.8 features, including lambda expressions and functional interfaces, to write concise and expressive code.
* Implemented **Microservices** using frameworks like **Spring Boot**, effectively decoupling application components and promoting independent deployment and scalability.
* Implemented security features such as **Spring Security** to ensure that the risk management system is secure.
* Used **Apache** **Kafka** for event-driven architecture to provide real-time data integration and processing.
* Designed and implemented database schemas using **Cosmos DB** and implemented data access layers to interact with the databases, optimize the SQL queries and database operations to ensure efficient and optimal performance of the application when interacting with **Microsoft SQL Server.**
* Developed unit tests and integration tests using **JUnit** to ensure that the risk management system functions correctly.
* Implemented tracking codes and event tags in Java-based web applications to capture relevant data and generate actionable insights using **Google Analytics** and **Adobe Analytics**.
* Implemented logging and tracing mechanisms using **JUL** and other tools to ensure that the risk management system is easily maintainable and troubleshooted.
* Used **Maven** to manage dependencies and automate the build process and implementing continuous integration.
* Collaborating with domain experts, such as risk managers, to understand their requirements and ensure that the risk management system meets the specific needs of the organization.
* I utilized various Azure services such as **Virtual Machines**, **Web Apps**, and **ARM** to deploy applications on **Azure Cloud**.
* Used **Azure Pipelines** for continuous integration and continuous deployment.
* Used **Azure Boards** for project management.
* Used **GitHub** for version control and code management and implementing best practices for code review and code quality.
* Used **Postman** for testing the API and used **Mocha** for front-end testing.
* Utilized **Azure Container** Registry for secure storage and versioning of **Docker** images, ensuring reliable access, distribution, and leveraged **Azure Kubernetes Service** (AKS) for container orchestration and scaling in a production environment.
* Performing regular code analysis and monitoring using **SonarQube** to identify and address code quality issues, technical debt, and vulnerabilities.
* Used **Splunk** for log analysis and monitoring, to ensure that the system is running smoothly and to identify and troubleshoot any issues.

**Environment:** Agile – Scrum, Angular 9, Bootstrap, Node JS, Java 11, JavaScript, Spring Boot, Azure, Oracle, Cosmos DB, Azure boards, Docker, Microservices, Apache Kafka, Azure pipelines, Junit, Mocha, Splunk, GitHub, SonarQube, Spring Security, JUL, Google Analytics, Adobe Analytics, Maven

Best Western - Phoenix, AZ September 2021 – October 2022

SENIOR FULL STACK DEVELOPER

**Job Description:**

Best Western is a hospitality company that operates hotels and resorts globally. This Company is committed to providing its guests with quality accommodations, exceptional service, and value for money. I worked for a project POS (Point of Sale) system is a software application that is used to manage sales transactions, inventory, and customer data.

**Responsibilities:**

* Followed **Agile** methodology and actively participated in SCRUM meetings, including daily standups, sprint planning and retrospectives.
* Used **JIRA** for project management and issue tracking, create and manage user stories, tasks, and bugs, collaborate with team members and stakeholders.
* Using **React**, developed, and maintained the front-end user interface of the POS system and implemented responsive design, used React Router for client-side routing, worked with Redux for state management.
* Developed server-side logic using **Node.js** to create RESTful APIs along with **Node Package Manager** (NPM) to manage modules.
* Used **Java 8** for developing server-side logic and used Spring Framework to create RESTful APIs, wrote efficient and scalable code, sed design patterns.
* Used **Spring Boot** to develop **microservices** and configured application properties and profiles and used Spring Data for database access.
* Developed mobile applications using **Java** and **Android SDK**, leveraging the power of the Android framework to create robust and user-friendly applications for Android devices.
* Used **PostgreSQL** and **MongoDB** as SQL and NoSQL to perform CRUD operations on the customers data.
* Deployed applications to **AWS**, configure **EC2** instances, used Elastic Beanstalk to deploy web applications, used **AWS Lambda** for serverless computing, use AWS CloudFormation to automate infrastructure provisioning.
* Integrated security features such as **OAuth2** for user authentication and authorization.
* Used **AWS SQS** Simple Queue Service (SQS) for message queuing and decoupling, configure queues, send, and receive messages, handled errors, and retries.
* Monitored the POS system using **CloudWatch** to ensure its availability, performance, and scalability.
* Used **Docker** to create a consistent and portable containerized environment, while **Elastic Kubernetes Services** is used for automating the deployment, scaling, and managing of those containers.
* Used **Code Commit** for source code management and version controlling.
* Used Simple Logging Facade for Java (**SLF4J**) for logging, use log levels and appenders.
* Used **Apache Maven** for project build automation, manage dependencies and plugins, create, and run tests, and deploy applications.
* Wrote unit tests using **JUnit** to ensure the quality and reliability of the application.
* Used **Jest** in JavaScript testing framework and it focuses on unit testing, it enables frameworks to write test cases, simulate user interactions, and validate the expected behavior of the frontend application.

**Environment:** Agile, React, Node JS, Java 8, Spring boot, Android SDK, AWS, PostgreSQL, MongoDB, JIRA, Docker, Elastic Kubernetes Services (EKS), Oauth2, AWS SQS, ECS, Junit, Jest, CloudWatch, Code Commit, Oauth2, SLF4J, Maven.

Indus Net Technologies - Kolkata, India June 2019 – July 2021

FULL STACK DEVELOPER

**Job Description:**

Indus Net Technologies is an Indian multinational technology company that provides a wide range of services related to software development, IT consulting, and digital marketing. I developed a cloud migration system using Java in Indus Net Technology and that can help businesses transition from traditional IT infrastructure to cloud-based infrastructure.

**Responsibilities:**

* Followed **Agile methodology** and participated in daily stand-ups and scrum meetings.
* Design and develop the front-end of the application using **Angular 6** and **Bootstrap**.
* Migrated the application from **Spring MVC** to **Spring Boot**.
* Develop and maintain the necessary components for cloud migration using **Java, Spring boot**, and other relevant technologies.
* Used **MySQL** to store and manage structured data, ensuring data integrity and reliability.
* Migrated on-premises applications to the cloud using **AWS** cloud.
* Deployed and managed applications on **AWS**, utilizing services such as **EC2, S3, RDS**, and **Lambda**.
* Worked on designing and implementing **Apache Kafka**-based message queues, ensuring efficient and asynchronous communication between components.
* Developed Java applications following **TOGAF** principles for modularity, scalability, and interoperability, enabling seamless integration with other enterprise systems and technologies.
* Used **JIRA** to manage the project and collaborate with other team members and used OAuth 2 to secure the application.
* Used **SLF4J** for logging and troubleshoot issues and used **GitHub** for code management and version control.
* Collaborate with the DevOps team to deploy the application to the cloud using **Gradle**.
* Write unit tests and functional tests for the developed components using **Junit**.

**Environment:** Agile – Scrum, Angular, Bootstrap, Java1.8, Spring MVC, Spring Boot, TOGAF, MySQL, AWS, EC2, S3, RDS, Lambda, JIRA, Apache Kafka, Junit, GitHub, Spring Security, OAuth 2, SLF4J, Gradle.

Flipkart - Hyderabad, India March 2017 – May 2019

Software Engineer

**Job Description:**

Flipkart is an Indian e-commerce company that offers a wide range of products and services online, including consumer electronics, fashion, home essentials, grocery, and more. The company operates as a marketplace where third-party sellers can sell their products to customers through the Flipkart platform. I used to develop an order management system in Flipkart company.

**Responsibilities:**

* Developed and maintained software applications using **Agile** methodologies and **Scrum** framework.
* Worked on creating responsive and user-friendly web interfaces using **HTML5, CSS3**, and **JavaScript** frameworks.
* Developed robust and scalable applications using **Java 1.6** programming language along with core Java concepts, object-oriented programming principles, and design patterns.
* Developed web applications using **Spring MVC**, implementing the **Model-View-Controller** (MVC) architectural pattern for efficient and organized code structure.
* Integrated third-party libraries, **SDKs**, and **APIs** into mobile applications for features such as social media sharing, location services, push notifications, and analytics.
* Wrote **ANSI** **SQL** queries for relational databases like **PostgreSQL** to extract, manipulate, and analyze data efficiently.
* Managed and maintained **PostgreSQL** databases to ensure optimal performance and scalability.
* Implemented server-side Java development using **Tomcat**, including servlets and JavaBeans.
* Managed source code and version control using **Bitbucket**.
* Troubleshooted and debugged issues in production and non-production environments using **Log4j.**
* Automated, built, tested, and deployed processes using **Maven**.
* Participated in code reviews, writing, and executing unit tests using **JMeter** and other tools.

**Environment:** Agile-Scrum, HTML5, CSS3, JavaScript, Java 1.6, Spring MVC, PostgreSQL, ANSI SQL, Tomcat, JIRA, JMeter, Bitbucket, Log4j, Maven.

Thredz Information Technology - Hyderabad, India June 2015 – February 2017

UI Developer

**Job Description:**

Thredz Information Technology is an IT company which specializes in delivering applications and software. As a UI developer, I developed and built our web application's user interface components.

**Responsibilities:**

* Participated in **Agile** development practices such as daily stand-ups, sprint planning, and retrospectives.
* Developed user-friendly, responsive web interfaces and components using **HTML, CSS,** and **JavaScript** frameworks.
* Collaborated with backend developers to integrate UI components with **Spring MVC**, ensuring smooth data flow and functionality.
* Implemented database queries and data retrieval using **MySQL**, optimizing query performance for efficient data fetching.
* Deployed web applications on **WebLogic** Server, ensuring smooth integration with backend systems and achieving optimal performance.
* Wrote automated tests using **JMeter** to ensure code quality and maintainability.
* Used **GitHub** for version control and managing code changes and updates.

**Environment:** Agile, HTML, CSS, JavaScript, Spring MVC, MySQL, WebLogic Server, JMeter, GitHub.