



Naveen Kumar C

## Senior Full Stack Java Developer

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### **Professional Summary:**

14+ Years of Software Development experience. Skilled in Analysis, Design, Development, Implementation and Testing of end-to-end application, Web based Multi - Tier Architecture Systems using Java and J2EE technologies in Banking/Financial Services, Retail and Educational sectors. Ability to follow through with projects from inception to completion. Extensive work experience in SDLC Agile methodology including Business Interaction, Requirement Analysis, Software Architecture, Design, Development, Testing and Documentation phases. Strong Programming Skills in designing and implementation of multi-tier applications.

### **Technical Skills:**

**Languages:** Java17, Python, Go Lang and Scala.  
**Low Code Tool:** Appian  
**IDE:** Eclipse, JBoss Studio, IntelliJ Idea, NetBeans, Jupiter Notebooks.  
**Internet:** J2EE, Servlets, JSP, JSTL, Struts, Tiles, Spring Core, Spring AOP, Spring MVC, Spring ORM, Spring Boot, AJAX, AWS.  
**UI:** JavaScript, TypeScript, jQuery, Node JS, React JS, D3 JS, ES6 and Angular.  
**Markup Languages:** HTML, DHTML, CSS, XML, XSD, XPath, XSL, XSLT, WSDL, DOM, SAX Parsers.  
**Web / App Servers:** IBM WebSphere, BEA WebLogic, Tomcat, JBoss EAP, Glass fish.  
**Source Control:** VSS, Tortoise CVS, Tortoise SVN, GIT.  
**Build Tool:** Ant, Maven.  
**Integration Tool:** Jenkins and GitLab Pipelines.  
**QC Tool:** JUnit, Mockito, Soap UI, Postman, Wire Mock, Ready API, JMeter and Cucumber.  
**Design Tool:** Rational Rose Enterprise Edition, Microsoft Visio.  
**Security:** OAuth1 and OAuth2  
**Open Source:** Hibernate, MySQL, JPA, IBATIS, Log4j, Ant, Maven, Ajax, Spark.  
**Web Services:** Apache Axis, JSON, Jersey, JAXP, JAXB, SOAP WS, REST WS.  
**SQL & No SQL:** Oracle, MS SQL, DB2, Postgres, Mongo DB, Redis.  
**Practices:** Water Fall, Iterative, Agile, TDD, SCRUM.  
**Operating Systems:** Windows, AIX, MAC, Linux.  
**Collaboration Tools:** Jira, Confluence, Splunk, Jenkins, Docker  
**AWS Services:** EC2, ECS, S3, Step Functions, Postgres, Lambda, SNS and SQS.  
**Container Orch:** Kubernetes and Open Shift

### **Technical Experience:**

**Apr '22 to Present.**

**Company:** M & T Bank

**Projects:** CBS (Core Banking Services)

**Role:** Senior Software Engineer

**Project description:** As part of the Voyager decommission, CBS is developing core banking services like Accounts, Statements, Bill Payment, Checks, Alerts, User, Contact Management API and other micro services. These services are used across the bank.

#### **Achievements:**

- Developed API's using the Java17, Reactive Programming and Spring Boot.
- Worked on VISA OTP integration for mobile wallets
- Organizing office hours twice a week to clarify questions and lead Agile team of 7 full-stack developers
- Streamlined automation capabilities that improved test life cycle by 80% by using Wire mock Junit test cases and Ready API test cases.
- Developed POC projects using Graph QL and Cucumber test automation.
- Worked on GitLab Pipelines for CI/CD.
- Involved in Agile ceremonies like Daily Scrum meetings, planning and estimation of the tasks for the user stories, participated in retrospective and presenting demo at end of the sprint.

- Worked on architecting new features, complete code refactoring and migration of ADO projects to GitLab.
- Worked on projects from Scratch.
- Worked on complex SQL queries.

**Environment and Tools:** Java 17 and 21, IntelliJ, Postman, Git Lab, Ignite, Spring Boot, Reactive Programming, Wire Mock, Lombok, Postgres and Ready API

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**Sep '19 to Apr '22.**

**Company:** Wisdom Soft Inc, USA

**Client:** Finra, MD, USA

**Projects:** Connect, AVS, FCI and BRACE

**Role:** Senior Full Stack Developer

**Project description:** Connect application acts as a tunnel for Workday data to downstream consumers. It's a backend process where all the infrastructure built on top of AWS services like S3, SNS, SQS, Lambda, Step Functions. Connect has mainly three stages ETL Load, ETL Migration and Replication of data to consumers. Address Validation Service (AVS) is other application used to validate the address of the customers. AVS uses ERD (Enterprise Resource Data) datasets for validating the address. Finapps Customer Interface (FCI) is a portal for creating or updating customers. BRACE (Billing rules and calculation engine) is used to calculate the fee amount for bill lines GASBE and ORF revenue streams.

**Achievements:**

- Analyze Business Requirements, Technical Designing, Implementation and Documentation using Agile Methodologies.
- Implementing the server-side functionality using the Java11 and Spring
- Setting up of Jenkins CI/CD Pipelines
- Worked with Angular 8 and Spring boot for FCI application.
- The application core functionality interacts with AWS cloud components like EC2, Simple Storage Service, Step Functions, EC2, ECS and asynchronous interaction with downstream teams using Simple Notification Service or Simple Queue Service.
- By using provision tool, deployed the AWS services and applications to cloud environment.
- Refactored code to decrease the processing time to half.
- Solutioning critical problems like processing data of variable file size.
- Design and developed AVS application from scratch.

**Environment:** Java 11, Angular 8, IntelliJ, Postman, Bit Bucket, Postgres, JPA, Spring Boot, AWS S3, EC2, Lambda, Step Functions, ECS, SQS, SNS, Angular 8, EMR, Typescript, Spark and Scala.

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**Mar '18 to Sep '19.**

**Company:** Wisdom Soft Inc, USA

**Client:** Capital One, VA, USA

**Projects:** PreCog

**Role:** Senior Full Stack Developer

**Project description:** PreCog application builds custom regulatory reporting solution using open-source technology stack which allows the bank to submit regulatory report to Federal agency. A cloud-based solution that will orchestrate the end-to-end production of the CCAR process. The main advantages of on boarding a model/process workflow onto PreCog are Automated and business data quality checks are built into the workflow and are performed on inputs and outputs, Input providers are required to upload their files directly to UI and follow a standard format, User will receive automated status notification emails, including approval emails for official reviews and Process monitoring is built into the UI which allows user to see status of specific workflows & overall process.

**Achievements:**

- Implementing the server-side functionality using the Java8, Spring frameworks like Boot, AOP, Data and Cloud.
- Leveraged the AOP features of Spring framework to handle exceptions.

- Implementing API Gateway (Single entry point for all micro services) using Netflix Zuul and Basic authentication as part of Zuul filters.
- Monitoring the application and supporting it if any issues related to user interface and server-side functionality using Cloud watch.
- Worked with Spring Boot and Angular 6 for Precog application.
- Wire mock the services if dependent systems are down for testing in the development environment.
- Worked on Selenium Gherkin UI automation testing.
- Design and develop a solution for displaying dynamic forms of models and share the user selection of form values to the user.

**Environment:** Java 8, Angular 6, STS, Postman, GIT, Postgres, Hibernate, Spring, AWS S3, EC2, Lambda, Step Functions, Cucumber automation testing using Gherkin, Dynamo DB.

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**May '16 to Feb '18.**

**Company:** Infosys, USA

**Client:** ACT, IA, USA

**Projects:** WorkKeys

**Role:** Senior Java Developer

**Project description:** WorkKeys has many applications and teams included in this. All these applications deal with registering for a test and allocated the test center and test date for the student. We are using TAO Platform to take the test in secure mode by getting authorization from Proctor for the test. At the end of the test the registration status will be completed to see the instant score report for the student. We have reports generation in Validus application which works on en-queue and de-queue of messages from the oracle queues. Job Scheduler application which handles few jobs like batch load of users, sweeps initiation, orders creation and sending to other teams.

**Achievements:**

- Provide estimates on assigned tasks and communicate status of tasks to project leadership.
- Analyze Business Requirements, Technical Designing, Implementation and Documentation using Agile Methodologies.
- Used algorithms and Data Structures which suits the business logic like form assignment service and other stream API's for filtering.
- Used Jersey and spring as the Rest Web Services framework for creating and deploying Web Services. Used Native SOAP based API for SOAP web service and client.
- Used Splunk tool for application logs checking.
- Provided hands-on development and mentoring as necessary for other members of the development team.
- Meet periodically with onshore and offshore developers to review and improve code quality, requirements specification and design methodologies.
- Developed the presentation layer using Struts1.x pattern integrated with spring to invoke the service layer beans.

**Environment:** Java 1.8, JBoss Studio, Soap UI 4.5, Apache Axis 2.0, XML, WSDL, SVN, GIT, Oracle, Hibernate, Spring, JBoss EAP, XML, XSD, SOAP, JAX-WS.

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**Jan '13 to Apr '16.**

**Company:** Infosys

**Client:** NYT

**Project:** Scoop-NYTCMS

**Role:** Technology Analyst

**Project description:** The New York Times (NYT) is the largest local metropolitan newspaper in the United States and third largest newspaper over-all. Scoop-NYTCMS is the custom-built Content Management System which produces and manages content for www.nytimes.com. Scoop application is built on underlying J2EE platform and uses a number of open source frameworks & tools. The project involves development, maintenance, bug fixes, design and development of enhancements to the CMS application.

**Achievements:**

- Tier2 support to the Scoop application
- Estimation, Coordination, Application development and enhancements.
- Testing and documentation
- Extensive use of data structures.
- Used Rest Web Services framework for creating and deploying Web Services.

- Worked on Backbone and Handle Bars and JS Classes
- Service layer implemented to consume Preliminary validations.
- Implementing the project in agile methodologies – Sprint.
- Issues analysis, trouble shooting and defect fixes.

**Environment:** Java 1.6, J2EE 7, Struts2, Spring 4.0, Hibernate 4.2.6, JAX-WS and JAX-RS web services, Tortoise SVN 1.8.7, Git 1.9.5, Jenkins 1.5, Log4j, Jackson JSON 2.3.1, HTML 5.0, CSS 3.0, XML, HTTP/HTTPS, SSL, XML, XSD, MySQL, Maven.

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**Dec '10 to Jan '13.**

**Company:** GoDB Tech.

**Client:** HUL

**Project:** Shakti DMS Project

**Role:** Software Engineer

**Project description:** Shakti Application, it is the mobile based application to track the SE work in the GPRS enabled mobiles. Users can make entries in the application in offline mode. After making entry user can Sync the data using the GPRS connection. Master data stored in the mobile application.

**Achievements:**

- Supporting for database tables design and data flow in and out of Sync Server.
- Generating reports by writing shell scripts.
- Used JBOSS Application Server and Eclipse to develop and deploy the application.
- Used SCRUM AGILE methodology in the analysis, design, and development and testing phases of application.
- Implemented coding for the application using Java, Servlets, JSP, Spring, Hibernate and client-side data validation using Java Script.
- Perform code walk through as part of peer review process to ensure code quality.
- Performed peer code review, design review and documentation review.
- Helped QA team when needed to use SOAP UI mock web services to pass Test Cases by developing Unit test cases using Junit.
- Involved in bug fixing during the System testing and User acceptance testing.

**Environment:** Core Java, JSP, Servlets, Struts, Hibernate, XML, JQuery, JBOSS, Web services-SOAP, REST, JAX-WS, JAX-RS, AXIS, JERSEY, SOAP UI, Agile, Oracle SQL Developer 3.1.07, Putty, Jenkins, Ant, Oracle11g – SQL & PL/SQL, JUNIT

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**Oct '09 to Dec '10.**

**Client:** Purple Infotech.

**Project:** TRMS

**Role:** Software Trainee

**Project description:** It's a proposal project for Government of Tamilnadu. TRMS is a state-of-the-art application for the traffic police. The system is designed with centralized database for the driving license issued and vehicle registration carried out by the state run RTO's. The system runs on wide area network and the data is accessed by individual nodes from the central server located at the police headquarters through this network. Communication network for the traffic system is envisaged through Wi-Fi Hotspots using the Radix handheld computer.

**Achievements:**

- Involved in Design, Development, Testing and Integration of the application.
- Created backend web services using Jersey Rest API.
- Worked on Blackberry RAD to develop mobile application.
- Co-ordinated Application testing with the help of testing team.
- Written database queries on Oracle 8i and Involved in the JDBC queries as part of implementation
- Maintained a separate DAO layer for CRUD operations.
- Involved in the development of business module applications using J2EE technologies like Servlets, JSP and JDBC.
- Followed coding guidelines and update the status in time.
- Supported the applications through production and maintenance releases.
- Instrumental in tuning the framework to meet the performance standards.
- Log4j was used to log the events in the application
- Involved in building the code using Ant and the deployment.

**Environment:** Java 1.5, Core Java, Jersey Rest API, Blackberry JDE, My SQL, PHP, AJAX, JDBC, JNDI, Oracle 8i, Windows/Unix, Ant, SVN, SQL Developer.

**Education:**

Bachelor's in computer science from Siddharth Institute of Engineering and Technology (JNTU Affiliated) in May- 2009, Andhra Pradesh, India with GPA of 3.2