# Tharun Puri

## Software Engineer

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## SUMMARY

- Experienced Software Engineer with a 4-years of proficiency in Java and J2EE technologies, coupled with a solid foundation in project management and Agile methodologies.
- Possesses excellent communication and collaboration skills, facilitating seamless interaction with team members and stakeholders and ability to put forth ideas in a clear, articulate manner.
- Adept at fostering a collaborative environment within cross-functional teams to achieve project objectives.
- Experienced in WAMP (Windows, Apache, MYSQL and Python) and LAMP (Linux, Apache, MySQL, and Python) Architectures and good experience in setting up REST API.
- Extensive in designing professional responsive UI web applications using front-end technologies like HTML, CSS, JavaScript, React JS.

## PROFESSIONAL EXPERIENCE

### Progressive Corporation
Austin, TX    February 2023 – Present
#### Software Engineer

- Directed Agile teams in scrutinizing and architecting software, yielding a remarkable 25% enhancement in development efficiency.
- Implemented robust back-end architecture and Pioneered the development of a robust REST APIs using Java 8, resulting in a substantial 30% reduction in application response times.
- Elevated test coverage by a commendable 34% through the implementation of rigorous unit testing procedures employing Junit.
- Enhanced the developer portal and API reference documentation based on user feedback to enable a smooth developer experience for internal and external consumers.
- Proficiently implemented serverless functions on AWS Lambda, effectively harnessing the advantages of event-driven computing.
- Setup CI/CD pipelines for applications using GitLab, increasing deployment frequency by 30%.
- Contributed to product planning, backlog grooming, and sprint status in fast-paced Agile environment.
- Assisted with migrating legacy systems to serverless architecture on AWS Lambda, learning key skills in event-driven computing.
- Developed Lambda functions for ETL processes to move data between SAP ERP systems and cloud data warehouses.

### Tata Consultancy Services Limited
India    March 2020 – December 2021
#### Software Engineer

- Engineered RESTful APIs with Spring Boot, delivering a remarkable 20% reduction in response times, enhancing system efficiency.
- Automated and streamlined the software development lifecycle by expertly utilizing Docker, resulting in a notable 15% decrease in deployment errors.
- Proficient in designing and managing networking architectures to ensure seamless communication and data transfer within distributed systems, while also optimizing performance and reliability.
- Orchestrated comprehensive operations and maintenance support for AWS cloud resources, encompassing the deployment, upkeep, and resolution of issues related to Amazon S3 buckets, AWS Lambda functions, and AWS Step Functions.
- Proficiently implemented serverless functions on AWS Lambda, effectively harnessing the advantages of event-driven computing.
- Collaborated seamlessly in cross-functional teams to design user interfaces utilizing react, ensuring seamless, single-page application (SPA) experiences for end-users.
- Conducted code reviews for feature development and bug fixes, reducing defects pre deployment by 35%.
- Produced comprehensive documentation and architectural diagrams elucidating the integration framework for AWS Lambda and SAP systems.

Draxo InfoTech                                                      India    January 2019 – February 2020
Jr. Software Engineer

- Designed and developed view-controller components using Angular JS, leading to a remarkable 20% improvement in user interface responsiveness.
- Achieved a substantial 25% reduction in system response time through thorough code optimization and the implementation of best practices.
- Seamlessly integrated new features and API calls into PHP-based systems, enhancing functionality by 30%.
- Efficiently managed version control using GIT, contributing to a 25% boost in development efficiency.
- Actively troubleshooted and resolved technical issues, minimizing system downtime by 15%.
- Experienced in full-stack architecture, UI development with Angular and React.
- Proficient in designing and implementing efficient algorithms and resolving software bugs to ensure code quality and functionality.
- Pioneered projects leading to enhancement in test coverage and a remarkable 25% boost in system performance.

## TECHNICAL SKILLS

- **Programming Languages:** Java, Core Java, C, C++, Python, PHP, JavaScript
- **Web Technologies**: HTML5, CSS3, jQuery, TypeScript, React Native, AJAX, JSON, Angular, NodeJS
- **Frameworks:** Spring Core, Spring MVC, Spring Security, Spring Boot, Hibernate
- **Methodology:** SDLC, Agile, Waterfall, Scrum, Kanban
- **J2EE Technologies:** Java 11/8, JDBC, JMS, JSP, Servlets, JPA, EJB
- **Version Control:** Git, GitHub, SVN
- **Databases:** MySQL, PostgreSQL, Firebase, Cassandra, Oracle, PL/SQL
- **Cloud Computing:** AWS, Azure, GCP
- **Software Tools:** MS Office Suite, Jenkins, Ant, Maven, Docker, SQL Server Management Studio, WebSphere, Tomcat, Bitbucket, Postman, Swagger, Spring Tool Suite, Jira, Kubernetes , confluence.
- **IDEs:** Visual Studio Code, NetBeans, Android Studio, Eclipse, IntelliJ IDEA

## EDUCATION

Masters in Computer Science
University of North Texas, TX, USA                                          January 2022 – May 2023

Bachelor of Technology in Computer Science
Avanthi Institute of Engineering & Technology, India                       August 2015 - July 2019