

# PUNEETH GOPI

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Senior Software Engineer with 5 years of experience designing, developing, and scaling enterprise web applications. Proven expertise in Java, Spring boot, Hibernate, Angular, and SQL/NoSQL databases with strong knowledge of cloud-native architectures and modern DevOps practices. Adept at leading code reviews, mentoring junior developers, optimizing application performance, and delivering high-quality software in agile environments. Passionate about building innovative, user-focused solutions and driving engineering excellence.

## SKILLS

<b>Core Expertise:</b>	Java, Javascript, Spring Boot, Microservices, System Design, Angular
<b>DevOps &amp; Cloud:</b>	Docker, Azure DevOps, CI/CD, GitHub Actions, Jenkins
<b>Databases:</b>	MySQL, PostgreSQL, MongoDB, MS-SQL
<b>Other Tools:</b>	Kafka, Git, JIRA, SVN

## EDUCATION

### Master of Science in Computer Science

May 2020

The University of Texas at Arlington

## EXPERIENCE

### Software Engineer | Innovative Intelligent Solutions LLC

Sep 2020 – July 2025

#### client - American Bureau of Shipping (ABS)

(On-site, Houston, USA)

- Designed and developed web applications using **Angular, Java, Spring Boot, Hibernate, MySQL, and MongoDB**, delivering scalable and high-performance solutions.
- Built reusable **Angular** components with lazy loading and state management, enhancing UI responsiveness and application scalability.
- Integrated Ignite UI libraries into the frontend, delivering a more intuitive and responsive user experience.
- Led a team in developing a caption metadata generator, streamlining workflows and **boosting developer productivity by 40%**.
- Improved REST API performance through **asynchronous processing**, minimizing response delays, while leveraging **WebSocket** to deliver real-time progress tracking for users.
- Implemented **session-based authentication** with idle-time session timeout and fine-grained access control, enhancing application security and improving user access management.
- Refactored legacy Java codebases into modern Spring Boot architecture, improving maintainability, performance, and deployment reliability.
- Automated CI/CD pipelines using **Jenkins, GitHub Actions**, and **Docker**, reducing manual effort and deployment errors, accelerating release cycles.
- Partnered with QA teams to establish proactive testing strategies, integrating JUnit and Mockito for unit and integration tests, **reducing production defects by 20%**.
- Optimized SQL queries, **reducing application response times by 30%** and improving database efficiency.
- Partnered with product owners and architects to analyze requirements, design system architecture, and deliver key features with a focus on maintainability and performance.
- Collaborated with cross-functional teams through **Agile/Scrum practices**, actively participating in daily stand-ups, sprint planning, and peer code reviews.
- Mentored and coached junior developers, conducted peer code reviews, and drove engineering best practices, raising overall team code quality.