

SNEHA THONDANGI

Email: snehathondangi14@gmail.com Phone: +1(417)-633-2242 LinkedIn: <https://www.linkedin.com/in/snehathondangi>

EDUCATION

Masters of Science in Computer Science [Missouri State University - Springfield, MO] **2023**
Coursework: Software Engineering, Advanced Database, Object-Oriented Programming, Cloud Computing GPA: 3.75/4.0

Bachelors of Technology in Computer Science [Jawaharlal Nehru Technological University – Hyderabad, India] **2019**
Coursework: Distributed Systems, Computer Science Fundamentals, Data Structures and Algorithms GPA: 3.50/4.0

TECHNICAL SKILLS

Languages	Java, JavaScript, TypeScript, Python, NodeJs
Technologies	HTML, CSS, React, Angular, Spring Boot, Spring, MVC, J2EE, Rest APIs, Hibernate
Databases	MySQL, SQL Server, PostgreSQL, Oracle, MongoDB
Cloud	Amazon Web Services (AWS), Azure
Debug & Test	Junit, Karma, Jasmine, Mocha, Chai
Others	GIT, JIRA, Maven, Jenkins, Postman, Swagger, Apache Tomcat, JBoss, Kafka, RabbitMQ
Methodologies	Agile, SCRUM

WORK EXPERIENCE (4+ YEARS)

WELLS FARGO (USA) **Sep 2023 - Present**
Software Engineer II

- RESTful APIs for efficiently managing finances as part of the full-stack digital wallet application.
- Payment integration with Stripe API.
- Secure User authentication using OAuth 2.0 and JWT (JSON Web Tokens).
- MVC design patterns using Angular.
- Monitoring and reliability metrics for the API.
- TypeScript reusable components and services to consume REST APIs in Angular 8.
- Optimized data retrieval times of user account history by **25%**.
- Design and deployment of a scalable microservices architecture, accommodating a **90%** surge in concurrent users while maintaining optimal performance.
- Implementation of UI testing using Selenium Web Drivers and Protractor, minimizing the number of post-release bug reports by **40%**.
- **Technology Stack:** Java, Spring, Angular, MySQL, PostgreSQL, AWS, Selenium, JWT, OAuth 2.0, Kafka

AMAZON (India) **Aug 2018 - Jul 2021**
Software Engineer

- Developed user interfaces for checkout applications.
- Scalable REST APIs and GraphQL endpoints for data management.
- Performance analysis and optimizations, reducing page load times by **20%**.
- Designed and developed database schemas and data models.
- Automated deployments reducing deployment time by **35%** and deployment errors by **14%**.
- Unit testing to achieve high code coverage across all modules and implementing software engineering best practices.
- **Technology Stack:** Java, Spring Boot, React, Redux, Node.js, GraphQL, Hibernate ORM, REST APIs, MongoDB, AWS, Jenkins, Chef, Kubernetes, Docker

MISSOURI STATE UNIVERSITY **Jan 2022 - May 2023**
Graduate Assistant

- Developed and maintained web applications using HTML5, CSS3, Material UI, JavaScript, Java, and Spring Boot.
- Designed and managed relational databases and optimized SQL queries, reducing query execution times by **20%**.
- Conducted user training sessions, created and maintained documentation for hardware, software, and troubleshooting processes, resulting in a **50%** decrease in the resolution time of active issues.
- **Technology Stack:** HTML5, CSS3, Material UI, JavaScript, Java, Spring Boot, SQL, Azure

ACADEMIC PROJECT

- Developed a dynamic book registration website for the university library with end-to-end validation using HTML, CSS, Bootstrap, jQuery, PHP, MySQL, AJAX, and JSON. Leveraged advanced regular expressions for precise form validation and implemented role-based access control in the Oracle database ensuring safe user access to library records.