

# SREEHARSHA RAVEENDRA

480-791-6787 | [sraveend@asu.edu](mailto:sraveend@asu.edu) | [linkedin.com/in/sreeharsha-rav](https://www.linkedin.com/in/sreeharsha-rav) | [sreeharsha.vercel.app](https://sreeharsha.vercel.app)

---

## EDUCATION

### Master of Science in Computer Engineering

Arizona State University, Tempe, AZ

December 2023

GPA: 3.3 / 4.0

### Bachelor of Technology in Electronics and Communications Engineering

National Institute of Technology Karnataka, Surathkal

May 2020

---

## TECHNICAL SKILLS

**Proficient:** Java (Spring Boot, Hibernate, JPA), TypeScript (Angular, Next.js), JavaScript (Node.js, Express, React), Prisma, Python (Flask), SQL (Postgres, MySQL), NoSQL (MongoDB), HTML, CSS (Bootstrap, Tailwind)

**Exposure:** AWS (Lambda, S3, EC2, SQS), Azure (SQL, Data Factory), Docker, Kubernetes, Jenkins, Linux/Unix

**Applications:** VSCode, IntelliJ, Copilot, Postman, Jira, Trello, Balsamic, Figma, WordPress

---

## PROFESSIONAL EXPERIENCE

### Full-Stack Developer, Alltech Consulting Services Inc, USA

Mar 2024 - present

- Engineered scalable RESTful APIs using microservices architecture with Spring, improving scalability and maintainability.
- Bolstered API security with JWT and OAuth in Spring Security, reducing unauthorized access attempts by 95%.
- Streamlined deployment with containerization using Docker and configuring Kubernetes, reducing time to ship.
- Automated build and deployment processes through implementation of CI/CD pipeline using Jenkins.
- Enhanced user experience by developing responsive UI components in Angular that consume RESTful APIs.

### Bubble Developer, EPICS Pro at ASU, Arizona, USA

Jan 2024 - Mar 2024

- Resolved critical front-end bugs using bubble.io, improving application stability and user experience by 25%.
- Created high fidelity wireframes using Balsamiq, reducing feature development time by 40%.
- Implemented broadcast messaging and tagging system for 1000+ users through SMS integration with Twilio.

### Associate Software Engineer, DXC Technology, Bengaluru, India

2021 - 2022

- Analyzed design specifications and technical requirements to ensure accuracy of cloud solutions on Azure and AWS.
- Utilized Python, Databricks SQL connector to develop data pipelines automating workflows between Azure services.
- Loaded data into AWS Redshift clusters from sources like S3 and optimized SQL queries to extract actionable insights.
- Delivered secure, scalable cloud-based data warehousing solutions on Azure and AWS platforms to enable analytics.

---

## RELEVANT PROJECTS

### E-Commerce Microservices

2024

- Designed and implemented modular microservices using Java and Spring Boot, ensuring system scalability.
- Built RESTful APIs integrated with MongoDB and MySQL for seamless inter-service communication and data flow.
- Implemented Swagger UI with OpenAPI, documenting API functionality and improving developer experience.
- Utilized JWT and Keycloak for authentication and authorization, strengthening security across all services.

### Photo Caption

2024

- Developed RESTful API endpoints using Node.js and TypeScript, facilitating authentication, image upload and captioning.
- Utilized Postgres and Prisma for efficient data storage and retrieval, ensuring data consistency and scalability.
- Integrated JWT into API for secure user authentication and authorization, enhancing platform security.
- Implemented caching using Redis to optimize API response times by 40% for frequently accessed data.

---

## LEADERSHIP EXPERIENCE

### Vice President, Brand Master, IEEE Student Branch at ASU, Tempe, AZ

August 2022 – December 2023

### Volunteer, Feed My Starving Children, Mesa, AZ

November 2023

### Volunteer, IEEE at CES 2022, Las Vegas, NV

January 2022