

Sanjeevkumar Hanumantlal Sharma

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PROFESSIONAL EXPERIENCE

Software Engineer | OurCode.io Fairfax, VA | June 2024 – Present

- Collaborated in the development of **ActiveDocumentation**, a tool designed to create and enforce design rules in Java codebases.
- Enhanced the tool by evaluating it on open-source projects, fixing bugs in **ReactJS** and **Spring** app, and documenting the source code.

Software Developer | Tata Consultancy Services (TCS) Mumbai | June 2019–July 2022

Project: Intelligent Services Networks

- Developed **RESTful APIs** in Spring Boot for application orchestration using **Azure Logic Apps** for an internal DevOps automation tool.
- Automated software security assessments of onboarded applications using **Fortify on Demand** and **Microsoft Azure Build pipelines**.
- Led a team of 5 to design a data model and build an application to generate **Spring Boot** code with entities, methods, and test cases.
- Increased 20% observability in application telemetry data by implementing agent-based method-level custom **code instrumentation** for Spring Boot applications using **Open Telemetry** and **Azure Application Insights**.
- Ensured automatic loading of code quality reports onto **Azure Backlogs**, contributing 70% improvement in early issue identification.

Project: Avis Budget Group

- Supported and maintained **AngularJS** web application and **3 Spring microservices** for the car rental application.
- Resolved high-severity application issues and payment-related issues raised by users from the US and EMEA regions.
- Collaborated with clients and stakeholders for requirement gathering, estimation and implementation of deliverables.
- Involved in various phases of the **Software Development Lifecycle (SDLC)** and engaged in **Agile methodology**.
- Utilized **Jira** for tracking project tasks and **Jenkins** for **Continuous Integration and Continuous Deployment (CI/CD)**.

Software Development Intern | B.E.S.T Mumbai | June 2018–July 2018

- Built an **Android** app for recording, tracking, and managing bus maintenance activities for BEST buses.
- Boosted maintenance crew efficiency by 40%, reducing downtime by 25% through a comprehensive tracking system.

ACADEMIC PROJECTS

Student Survey Application

- Created a microservice-based student survey application using Spring Boot and containerized it using **Docker**.
- Leveraged **Amazon AWS** services like **EC2 Instance**, **Elastic IP**, **AWS AMI**, and **Jenkins CICD** to build and deploy.
- Deployed microservices on a **Kubernetes** cluster provided by Rancher onto a hosted EC2 Instance.

Secure 4-Player Real-Time Hearts Game

- Implemented front-end using **Angular** and back-end using **Spring Boot**, **Spring Data JPA** and **PostgreSQL** database.
- Secured application communication by implementing **TLS protocols** using **self-signed certificates**.
- Integrated authentication and authorization using **JWT**, with input **validation and encryption** of user data.

EDUCATION

George Mason University | Master of Science in Computer Science | Fairfax, VA | **GPA: 3.93/4.0** May 2024

Relevant Coursework: Analysis of Algorithms, Secure Software Programming, Database Systems, Component-Based Software Development, Data Mining, Natural Language Processing, Mobile & Wireless Communication

Received a scholarship and Graduate Teaching Assistantship under Professor David Wheeler.

University of Mumbai | Bachelor of Engineering in Computer Engineering | Mumbai, India | **GPA: 3.5/4.0** May 2019

Relevant Coursework: Data Structures, Object-oriented Programming, Web Technologies, Operating Systems, Computer Networks

SKILLS

Programming	Java, Spring Boot, Hibernate, JavaScript, Angular, SQL, HTML, CSS, Bootstrap, Node.JS, TypeScript
Tools	Git, Eclipse, VS Code, Docker, Kubernetes, Jenkins, Azure DevOps, Apache Kafka, Maven
Cloud	Microsoft Azure, Amazon Web Services, Firebase
Additional Skills	Agile Development, Object-Oriented Programming, Responsive Web Design, CICD

AWARDS & CERTIFICATIONS

- **Oracle Cloud Infrastructure 2024 Generative AI Certified Professional** Jul 2024
- **Distinguished Academic Achievement Award** – George Mason University May 2024
- **Special Achievement Award** – Tata Consultancy Services Nov 2021

ORGANIZATION AND LEADERSHIP EXPERIENCE

- Led a team of 6 to the Smart India Hackathon 2018 finals, the largest Hackathon conducted by the Government of India.
- Chief Co-Ordinator, Magazine Committee, Vidyavardhini's College of Engineering & Technology.