

SHRUTKEERTI SANGOLKAR

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OBJECTIVE

Full-stack software engineer experienced in Java, React, Node.js, Spring Boot, and AWS, skilled in Agile development, problem solving, software security, and automated testing. Passionate about building secure, scalable web applications through innovation, teamwork, and continuous learning.

EDUCATION

Northeastern University

Boston, MA

Master of Science in Information Systems (CGPA: 3.4/4.00)

Expected December 2026

Pune University

Pune, India

Bachelor of Engineering in Information Technology (CGPA: 3.82/4.00)

Apr 2022

SKILLS

Programming Languages: Java, JavaScript, Python (basic), SQL

Frameworks & Libraries: Spring Boot, Node.js, ReactJS, ExpressJS, Angular, HTML5, CSS3, Bootstrap, Tailwind CSS

Database: PostgreSQL, MySQL, MongoDB

Cloud & DevOps: AWS, GCE, Terraform, Git, GitHub Actions CI/CD, Linux, Shell Scripting

Architectural & Design: Object-Oriented Programming, Data Structures, Design Patterns, Microservices, REST & SOAP APIs, JDBC, JSON, XML Service-Oriented Architecture (SOA)

Testing & Security: JUnit, Postman, Automated Testing, Web Application Security, Secure Coding, Authentication & Authorization (JWT, OAuth, SSL), SonarQube

Certifications: Microsoft Azure Fundamentals, Digital Transformation with Google Cloud

WORK EXPERIENCE

Analyst-Software Engineer

Dec 2022 – Dec 2023

Capgemini Technology Services India Limited

Mumbai, India

- Designed and developed Spring Boot microservices and ReactJS modules for business applications, following Agile software development and test-driven development (TDD) methodologies
- Created and integrated RESTful web services and APIs using PostgreSQL and MongoDB (NoSQL), improving scalability and reliability across AWS environments
- Automated builds and deployments through CI/CD pipelines (GitHub Actions, Jenkins) with SonarQube analysis, enforcing secure coding practices, quality assurance, and team collaboration

Intern — Software Developer

March 2022 – June 2022

Capgemini Technology Services India Limited

Mumbai, India

- Contributed to frontend development using ReactJS, HTML, and CSS, and backend logic using Spring Boot, ensuring secure API integration and responsive UI
- Participated in Agile sprints with cross-functional team members, receiving mentorship and providing technical guidance on API validation and issue resolution
- Applied problem-solving and coding best practices using Postman, JUnit, and version control (Git) to deliver maintainable and reliable software

ACADEMIC PROJECTS

Cloud Computing Infrastructure & Deployment

May 2025

- Built and deployed a Spring Boot application performing file operations and system monitoring across AWS, GCP, and DigitalOcean
- Automated infrastructure provisioning and DevOps workflows using Terraform, GitHub Actions CI/CD, and CloudWatch
- Followed Agile/TDD methodologies, demonstrating initiative, organization, and understanding of computer science principles

Space Tourism Portal

Apr 2025

- Developed a full-stack MERN application with JWT authentication and role-based dashboards for Admin, Traveler, and Guide
- Enabled travelers to browse destinations, book missions, and view history, improving user engagement and product usability
- Applied object-oriented design, secure API practices, and Agile collaboration to ensure scalability, maintainability, and customer satisfaction

Patient Complaint Management System

Dec 2024

- Created a Java Swing application to triage and resolve healthcare complaints by severity (Severe, Moderate, Follow-up)
- Designed secure, modular interfaces for specialists, physicians, and researchers, ensuring data confidentiality and consistency
- Applied object-oriented principles, testing, and documentation for structured development and efficient communication across stakeholders