Anshul Rohilla

anshulrohilla111@gmail.com | +91 9027226830 | linkedin.com/in/anshul-rohilla-5629a2210 | github.com/anshul-rohilla4 | anshulr.netlify.app

PROFESSIONAL SUMMARY

Proficient Computer Science student specializing in **full-stack development**, **cloud deployment**, and **DevOps automation**. Proven ability to design and build scalable web applications, automating CI/CD pipelines (Jenkins, Docker) to **reduce deployment time by 95%**, and deploying solutions on AWS. Eager to apply strong problem-solving and software design skills to create high-performance, maintainable code.

TECHNICAL SKILLS

Languages: Java, JavaScript, TypeScript, C++
Frameworks & Web: React.js, Spring Boot, Node.js, Express.js, HTML, TailwindCSS
DevOps & Cloud: AWS EC2, Docker, Kubernetes, Jenkins, CI/CD
Databases: MySQL, H2, MongoDB
Tools & Infra: Git, GitHub, Linux, Postman

KEY PROJECTS

SnippetShare — Full-Stack Code Sharing Platform   GitHub
React, Spring Boot, MongoDB

- Developed a full-stack code-sharing platform to provide developers with a simple and intuitive way to share code snippets with real-time syntax highlighting.
- Engineered a RESTful API backend using Spring Boot with H2 for efficient local development and testing cycles.
- Currently architecting data layer migration to MongoDB to enhance scalability and support production workloads.

Yelp-Camp — Automated CI/CD Pipeline   GitHub
Jenkins, Docker, Trivy, Kubernetes, AWS EC2, Duck DNS

- Designed and implemented a complete CI/CD pipeline using Jenkins and Docker, automating the build, test, and deployment process to **reduce deployment time by 95%**.
- Deployed the containerized Node.js application to a scalable environment on AWS EC2 managed by Kubernetes, ensuring high availability and fault tolerance.

Flood Monitoring System — IoT Early Warning System   GitHub
Arduino Uno, C++, IoT

- Architected an IoT-based flood detection system using an Arduino Uno and ultrasonic sensors to measure and transmit real-time water level data.
- Implemented an automated alert mechanism that sends critical warnings via SMS and email, enhancing early warning capabilities for local communities.

EDUCATION

SRM Institute of Science & Technology, Kattankulathur   Expected 2026
B.Tech, Computer Science & Engineering   GPA: 8.46 / 10
Relevant Coursework: Data Structures & Algorithms, Operating Systems, Database Management Systems (DBMS), Computer Networks, Cloud Computing, Web Technologies

CERTIFICATIONS & BADGES

- GitHub Foundations (Verify)
- Core Java Specialization – Coursera (Verify)
- AWS Academy: Machine Learning Foundations (Verify)
- AWS Academy: Cloud Foundations (Verify)

LINKS

- GitHub: github.com/anshul-rohilla4
- LinkedIn: linkedin.com/in/anshul-rohilla-5629a2210
- Portfolio: https://anshulr.netlify.app/
- Email: anshulrohilla111@gmail.com