Anshul Rohilla

Chennai, Tamil Nadu · +91 9027226830 · anshulrohilla111@gmail.com

Portfolio · LinkedIn · GitHub

Education

SRM Institute of Science & Technology   **2022 – 2026**
Bachelor of Technology in Computer Science   GPA: 8.44 (Semester VI)
Relevant Coursework: Data Structures and Algorithms, Database Management Systems, Cloud Computing, Computer Networks, Operating Systems, Distributed Systems, Web Technologies, Software Engineering

St. Mary's Convent School, Vikasnagar, Dehradun, Uttarakhand   **2021 – 2022**
Class XII (Senior Secondary), CBSE   Percentage: 73.6%

St. Mary's Convent School, Vikasnagar, Dehradun, Uttarakhand   **2019 – 2020**
Class X (Secondary), CBSE   Percentage: 86.6%

Projects

Yelp-Camp   GitHub · Demo-Video
- Engineered a complete CI/CD pipeline with Jenkins, automating all build, test, and deployment processes to reduce manual deployment time by 95%.
- Deployed a containerized Node.js application on a Kubernetes cluster, ensuring high availability and scalability.
- Managed cloud infrastructure on AWS EC2 for development, CI/CD, and production environments.
- *Tools: Jenkins, Docker, Trivy, Kubernetes, AWS EC2, Duck DNS.*

Movie Finder   GitHub
- Built a responsive React-based web application for searching and exploring trending movie content from the TMDb API.
- Improved user experience and reduced API server load by over 70% by implementing a debounced search feature.
- *Tools: React, TailwindCSS, Vite, Appwrite, TMDb API.*

Flood Monitoring System   GitHub
- Developed an IoT-based system using Arduino for real-time flood detection via water level and rainfall sensors.
- Designed a critical alert system to instantly notify stakeholders via SMS/email, enabling rapid response to potential flood events.
- *Tools: Arduino Uno, C++.*

Certifications

- **GitHub Foundations**   [Verify]
- **Core Java Specialization** (Coursera)   [Verify]
- **AWS Academy** - Machine Learning Foundations, Cloud Foundations

Skills

- **Cloud & DevOps:** AWS EC2, Docker, Kubernetes, Jenkins, CI/CD Pipelines
- **Web Development:** React.js, Spring Boot, Node.js, Express.js, HTML, TailwindCSS
- **Programming Languages:** Java, JavaScript, TypeScript, C++
- **Database Technologies:** MySQL, H2
- **Tools:** Git, GitHub, Linux Environment, Postman