DEVANSH GARG

Jhansi, Uttar Pradesh

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EDUCATION

Vellore Institute of Technology   **Aug 2023 – Present**
B.Tech - Computer Science and Engineering, CGPA: **8.98**   *Bhopal, India*

Blue Bells Public School   **Apr 2021 – Apr 2023**
CBSE Intermediate, Percentage: **85%**   *Jhansi, India*

COURSEWORK / SKILLS

- Data Structures & Algorithms
- Database Management Systems(DBMS)
- Object Oriented Programming(OOPS)
- System Design
- Operating Systems
- Computer Networks
- Cloud Computing

PROJECTS

DevMate ⧉ | Spring Cloud, Jenkins, WebSockets, PostgreSQL, Grafana
- Built a real-time **Proximity Service** Web App for developers using Spring Boot microservices, enabling **location-based collaboration** and chat.
- Integrated Spring Cloud (**Eureka, API Gateway, Config Server**) with **Docker and Kubernetes** for scalable service orchestration and deployment.
- Implemented **CI/CD pipelines** with **Jenkins**, and monitored services using **Grafana**, and centralized ELK logging.

Streamlio ⧉ | Kubernetes, Microservices, Spring Boot, CDN, AWS
- Developed a **Video Streaming Platform** using Java/Spring Boot Microservice, **FFmpeg encoding**, and adaptive streaming
- Deployed Microservices on **Kubernetes with Helm, HPA autoscaling, istio, and grafana monitoring**.
- Optimized global content delivery using **CDN Cloudflare** and geo distributed **S3 storage**, cutting latency by 60%.

Linkly ⧉ | ReactJS, Spring Boot, Redis, Kafka, Docker, Oauth2.0, JWT
- Built a full-stack URL shortener with **OAuth2.0/JWT authentication**, analytics, and **Redis** caching.
- Developed **RESTful APIs** with Spring Boot, **Kafka** for async notifications, and **Docker** for containerization.
- Designed **scalable microservices** to ensure high availability and modularity.

TECHNICAL SKILLS

Languages: Python, Java, C/C++, JavaScript, SQL, NoSQL, YAML, Shell
Frameworks: Spring Boot, Spring Cloud, Hibernate, ReactJS, Django
Tools: Git, Maven, Linux, Docker, AWS, Kubernetes, Jenkins, Kafka, RabbitMQ
Databases: MongoDB, MySQL, PostgreSQL

EXTRACURRICULAR

Ganga Bhumi Club   **Jan 2023 – Present**
Founder & Student Coordinator   *Bhopal, India*
- Managed a team of 50+ members, overseeing event planning, resource allocation, and logistics to ensure efficient execution of activities.

CERTIFICATIONS

- AWS Cloud Practitioner Essentials - AWS Skills Builder

- Java - Vityarthi

- AWS DevOps with Jenkins - Alison

- Certified Software Engineer - HackerRank

- Advanced SQL - HackerRank