

AMARTYA KUMAR

DevOps Engineer — Full-Stack Developer

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SUMMARY

DevOps Engineer and Full-Stack Developer with expertise in **CI/CD pipelines**, cloud infrastructure, and scalable web applications. Skilled in **C++**, **Java**, and frameworks like **JavaScript**, **React.js**. Proficient in **AWS**, **Docker**, **Jenkins**, and automation tools. Experienced in improving deployment efficiency, reducing costs, and enhancing reliability through hands-on projects and internships.

TECHNICAL SKILLS

- Programming Languages:** JavaScript (ES6+), TypeScript, Python, Java, SQL, HTML, CSS, Bash, R
- Frontend:** React, React Native, Vue.js, Nuxt.js, Tailwind CSS
- Backend:** Node.js, Express.js, Flask, RESTful APIs, Microservices
- Databases:** PostgreSQL, MySQL, SQLite, Redis, Elasticsearch
- DevOps & Cloud:** AWS (EC2, S3, Lambda), Docker, Kubernetes, Jenkins, GitHub Actions, Terraform, Ansible, Puppet, Nginx
- Other Tools:** Git, Prisma ORM, Prometheus, Grafana, Selenium, CI/CD
- Key Soft Skills:** Agile/Scrum, Collaboration, Problem-Solving, System Design

EXPERIENCE

Vizva Consultancy Services

DevOps Engineer

May 2025 – Present

On-Site

- Implemented **CI/CD pipelines** with **Jenkins** and **GitHub Actions**, reducing deployment time by 40%.
- Automated infrastructure provisioning with **Terraform**, **Ansible**, and **Puppet**.
- Containerized applications with **Docker**, improving scalability and environment consistency.
- Managed **AWS** and **DigitalOcean** infrastructure, ensuring high availability and cost efficiency.

Xebia Technologies

DevOps Engineer Intern

June 2024 – July 2024

Virtual

- Developed full-stack features using **MERN stack**, **Next.js**, and **Vue.js** to enhance user experience.
- Integrated security tools into **CI/CD workflows**, reducing vulnerabilities by 30%.
- Built automated testing scripts with **Selenium**, reducing manual QA time.

PROJECTS

Mentoretalk – HTML, CSS, MongoDB, Node, React.js, AWS

- Developed a web app connecting users with mentors for personalized career guidance, including user profiles, mentor sessions, and feedback data.
- Designed and deployed **microservice architecture** for scalability and independent service management.
- Integrated **AWS** for cloud storage and secure session handling; used **MongoDB** to manage dynamic user data.

E-commerce Application – Spring Boot, Docker, Apache Kafka

- Developed a scalable e-Commerce platform with **microservice architecture**, including product management, order processing, inventory control, and notification service.
- Implemented with **Spring Boot** and **Docker**, resulting in a notable decrease in deployment time.
- Adopted a scalable microservice design that led to a 30% improvement in system reliability.

Ed.Tech – HTML, CSS, React.js, Jenkins, Selenium

- Developed the front-end of an education technology platform using **React.js**. Features included interactive lessons, real-time collaboration tools, personalized dashboards, and comprehensive analysis.
- Designed for **scalability** to efficiently handle a large number of users and data.
- Created a user-friendly experience for both students and educators.

EDUCATION

University of Petroleum and Energy Studies, Dehradun

B.Tech in Computer Science – CGPA: 7.52

2021 – 2025

Uttarakhand, India

CERTIFICATIONS & ACHIEVEMENTS

AWS Academy Graduate – Microservices and CI/CD Pipeline Builder

AWS Academy Graduate – Cloud Foundations

Xe-Architect Certification – Xebia Academic Alliance (2024)

First Runner Up – Intra Volleyball Tournament, UPES