

# 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

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|--|---|
| <b>Vizva Consultancy Services</b><br>DevOps Engineer   | <b>May 2025 – Present</b><br>On-Site    |
| <ul style="list-style-type: none"><li>Implemented <b>CI/CD pipelines</b> with <b>Jenkins</b> and <b>GitHub Actions</b>, reducing deployment time by 40%.</li><li>Automated infrastructure provisioning with <b>Terraform, Ansible</b>, and <b>Puppet</b>.</li><li>Containerized applications with <b>Docker</b>, improving scalability and environment consistency.</li><li>Managed <b>AWS</b> and <b>DigitalOcean</b> infrastructure, ensuring high availability and cost efficiency.</li></ul> |   |
| <b>Xebia Technologies</b><br>DevOps Engineer Intern  | <b>June 2024 – July 2024</b><br>Virtual |

## PROJECTS

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|---|--|
| <b>Mentoretalk – HTML, CSS, MongoDB, Node, React.js, AWS</b> <ul style="list-style-type: none"><li>Developed a web app connecting users with mentors for personalized career guidance, including user profiles, mentor sessions, and feedback data.</li><li>Designed and deployed <b>microservice architecture</b> for scalability and independent service management.</li><li>Integrated <b>AWS</b> for cloud storage and secure session handling; used <b>MongoDB</b> to manage dynamic user data.</li></ul>        |  |
| <b>E-commerce Application – Spring Boot, Docker, Apache Kafka</b> <ul style="list-style-type: none"><li>Developed a scalable e-Commerce platform with <b>microservice architecture</b>, including product management, order processing, inventory control, and notification service.</li><li>Implemented with <b>Spring Boot</b> and <b>Docker</b>, resulting in a notable decrease in deployment time.</li><li>Adopted a scalable microservice design that led to a 30% improvement in system reliability.</li></ul> |  |
| <b>Ed.Tech – HTML, CSS, React.js, Jenkins, Selenium</b> <ul style="list-style-type: none"><li>Developed the front-end of an education technology platform using <b>React.js</b>. Features included interactive lessons, real-time collaboration tools, personalized dashboards, and comprehensive analysis.</li><li>Designed for <b>scalability</b> to efficiently handle a large number of users and data.</li><li>Created a user-friendly experience for both students and educators.</li></ul>                     |  |

## EDUCATION

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| <b>University of Petroleum and Energy Studies, Dehradun</b><br>B.Tech in Computer Science – CGPA: 7.52 | <b>2021 – 2025</b><br>Uttarakhand, India |
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## 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