

Nikhil Singh

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B.Tech graduate with experience in backend engineering and DevOps. Skilled in Node.js, TypeScript, APIs, and cloud platforms. Built production-ready services, with hands-on expertise in Docker, Kubernetes, and CI/CD. Passionate about reliable, scalable systems and developer-focused solutions

EDUCATION

Dr B R Ambedkar National Institute of Technology Jalandhar (NITJ) Jalandhar, Punjab
B.Tech in Information Technology 2021 – July 2025

SKILLS

Programming Languages: C, C++, Python, JavaScript
Technologies: Angular JS, Next.js, Spring Boot, Node.js, Express,
DevOps: AWS, Jenkins, Docker, Kubernetes, Prometheus, Grafana

EXPERIENCE

- Biz2Credit (Biz2x) — Associate DevOps Engineer** Sep 2025 - Present
- Implemented CI/CD pipelines using **Jenkins** and **Kubernetes** to ensure high availability of application
 - Collaborated with multiple teams to troubleshoot issues and reduce **downtime**.
 - Developed monitoring and alerting solutions using **Prometheus** and **Grafana**.
- Mphasis Limited — Trainee Software Engineer** Feb 2025 - May 2025
- Engineered a full-stack onboarding portal using **Spring Boot** and **Angular**, reducing client onboarding time by over 95%.
 - Integrated modules for **mapping** and notifications.
 - Developed responsive UIs with integrated **APIs** for efficient data workflows.
 - Contributed in **Agile sprints** with regular deliverables.

PROJECTS

- CI/CD DevOps Pipeline**
- Automated deployment of Java web apps with Jenkins, Docker, Kubernetes.
 - Integrated testing, code scanning, and artifact management for secure builds.
 - Added Prometheus and Grafana dashboards for real-time observability.
- QuizEasy – Full Stack Quiz App**
- Developed a full-stack quiz app with **Next.js 14** that generates interactive quizzes using the **Google Gemini API**.
 - Features include multi-mode gameplay, real-time scoring, and authentication.
 - Deployed on **Vercel** with serverless architecture.
- Portfolio Website**
- Designed with React, Three.js, Framer Motion for smooth animations.
 - Hosted on AWS EC2 with Docker for containerized deployment.

POSITIONS AND ACHIEVEMENTS

Placement Representative, NITJ: Invited 10+ companies to organize college placements.

Qualified **GATE 2025 (Computer Science)**