

# Prashant kale

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## PROFESSIONAL SUMMARY

Full-Stack Developer with a B.Tech in Computer Science, excelling in Next.js, React, TypeScript, Node.js, and DevOps, achieving 99% uptime and 15% latency reduction for 100+ users.

## EXPERIENCE

**Junior Software Engineer, Growlit Enterprises – Indore, India** | [Link](#) May. 2024 – Present

- Engineered the front-end application utilizing Next.js, React, and TypeScript, which resulted in a 30% faster user onboarding experience and 20% higher conversion rate.
- Automated CI/CD deployment pipelines with GitHub Actions, reducing deployment time from 1 hour to 10 minutes using AWS EC2 and Docker, enabling teams to ship updates 3x faster.
- Tech Stack:** Next.js, TypeScript, Recoil, Docker, GitHub Actions.

## PROJECTS

**Pan.Draw: Real-Time Collaborative Whiteboard** | [Link](#) Jan. 2025 – march. 2025

- Engineered a highly scalable whiteboard platform using Canvas, Websocket, redis and Kafka for seamless data synchronization, reducing latency by 25% for 1000+ concurrent users across diverse networks.
- Designed a responsive and intuitive UI with Next.js and Tailwind CSS, integrating, boosting user engagement by 30% with interactive features.
- Deployed a robust solution using Docker and GitHub Actions, achieving 99% uptime with automated deployments and continuous monitoring for 200+ sessions.
- Tech Stack:** Next.js, TypeScript, Canvas, WebRTC, Redis, Docker, GitHub Actions.

**MyCompiler.AI: Compiler - deepSeek AI — Ollama — Piston API** | [Link](#) March. 2025 – April. 2025

- Constructed a sophisticated automation AI Chat system connecting DeepSeek AI, Ollama, and DeepSeek-Coder with Kafka, managing 100+ daily events with 95% reliability under high traffic conditions.
- Piston API for secure code execution and Ollama/DeepSeek Coder (via Docker) to enable AI-powered code debugging and Local LLM-based chat.
- DevOps - Containerization: Deployed AI microservices (Ollama/DeepSeek) using Docker, Kubernetes, and CI/CD pipelines, optimizing GPU acceleration and reducing latency by 30% while ensuring scalability.
- Tech Stack:** TurboRepo, Next.js, Kafka, Node.js, PostgreSQL, TypeScript. Docker

## TECHNICAL SKILLS

**Languages & Protocols:** TypeScript, JavaScript, HTML5/CSS3, GraphQL, gRPC, WebRTC, REST API

**Frontend:** Next.js, React.js, Tailwind CSS, Redux, Recoil

**Backend:** Node.js, Express.js, WebSocket, Kafka, Redis

**Data:** PostgreSQL, MongoDB, Prisma, Mongoose

**DevOps:** Docker, Kubernetes, DigitalOcean, CI/CD, Vercel, Git, Monitoring, Testing

**Tools:** TurboRepo, Postman, VS Code

## EDUCATION

**Laxmi Narayan Collage of Technology**

Indore, Madhya Pradesh

*Bachelor of Technology in Computer Science* | CGPA: 7.6/10

July. 2020 – May 2024

- course work : System Design Algorithms, Data Structures, Database Management, Object-Oriented Programming, Operating Systems, Computer Networks, Cloud Computing.

## ACHIEVEMENTS & CERTIFICATIONS

**Major Project Competition** | 1<sup>st</sup> Place

- Achieved 1<sup>st</sup> place in a collage-level web design competition with 50+ participants.

**Full Stack Developer Certificate** | 100xDevs Cohort-2

- Completed the Harkirat Singh full-stack development program, mastering Next.js and Node.js, and implemented CI/CD pipelines that reduced deployment times by 30% using DevOps principles and tools.