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*   Jun 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 | *1st Place*
- Achieved 1st 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.