

# Banti Kumar

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## SUMMARY

Full-Stack Developer with DevOps expertise in building and deploying scalable web applications using React, Node.js, and cloud technologies. Experienced in Docker, Kubernetes, CI/CD pipelines, and AWS infrastructure. Solved 1600+ DSA problems and contributed to production-grade projects. Seeking a software engineering role to leverage development and deployment skills to drive product impact.

## EDUCATION

**Bachelor of Technology in Computer Science and Engineering**  
*Patel College of Science and Technology*

April 2022 – May 2026  
*Bhopal, Madhya Pradesh*

## EXPERIENCE

### Web Developer Intern

Mar. 2025 – Present

*Orange Essence Technologies*

*Remote*

- Led backend migration from MongoDB to MySQL, redesigning database schema and replacing Mongoose with Prisma ORM, resulting in 30% faster query performance and improved data consistency
- Architected and implemented complex APIs using Express.js and Prisma, integrating WebSocket for real-time communication and RabbitMQ for asynchronous task processing
- Integrated Redis caching layer to optimize frequently accessed data, reducing database load by 40% and improving API response times
- Implemented AI integration using Gemini API for intelligent features, enhancing user experience with context-aware recommendations
- Built responsive UI components with React and Tailwind CSS, delivering scalable modules that reduced page load times by 25%

## PROJECTS

### DevForces | *Node.js, React, Prisma, MongoDB, Tailwind CSS, Gemini API* | [GitHub](#) | [Live](#)

- Developed a competitive coding platform where developers compete through real-world challenges with AI-powered evaluation
- Implemented AI-based winner selection using Gemini API, evaluating code quality, efficiency, creativity, and requirement adherence
- Built real-time event management system with moderator tools, improving platform usability and user engagement

### Probo Clone | *Node.js, React, Prisma, PostgreSQL, Tailwind CSS* | [GitHub](#) | [Demo](#)

- Built a decentralized prediction market enabling users to trade Yes/No shares on real-world events
- Engineered custom order-matching engine with price-time priority and partial fill logic for efficient trade execution
- Implemented AMM-style logic for dynamic pricing based on order flow, ensuring fair market formation from zero liquidity
- Developed real-time updates using WebSocket and integrated moderator tools for event management

### AI Diary App | *React Native, Node.js, Prisma, MongoDB, Tailwind CSS* | [GitHub](#) | [Demo](#)

- Created cross-platform mobile diary app with AI-powered mood analysis and sentiment tracking using natural language processing
- Implemented end-to-end encryption using local keys (not stored in database) to ensure complete privacy and data security
- Designed intuitive UI with React Native and built RESTful APIs for seamless diary entry management and mood history visualization

### AI Code Editor | *Next.js, React, WebSocket, Node.js, Prisma* | [GitHub](#) | [Demo](#)

- Built AI-powered development environment combining modern web technologies for streamlined coding workflow
- Integrated real-time collaboration using WebSocket and AI assistance for code debugging and preview

## TECHNICAL SKILLS

**Languages:** C/C++, JavaScript, TypeScript, SQL (PostgreSQL, MySQL), HTML, CSS

**Frameworks & Libraries:** React.js, Next.js, React Native, Node.js, Express.js, Prisma ORM, Tailwind CSS

**Databases:** PostgreSQL, MySQL, MongoDB, Redis

**DevOps & Cloud:** Docker, Kubernetes, AWS (EC2, Lambda), CI/CD, Serverless Architecture

**Tools & Technologies:** WebSocket, Redis, RabbitMQ, Kafka, Git, Render, Vercel, Postman, VS Code, Nginx

**AI/ML:** Gemini API integration, AI-powered features

## ACHIEVEMENTS

**GeeksforGeeks:** Global Rank - 900, College Rank - 1, Score - 3100+ ([View Profile](#))

**LeetCode:** 500+ problems solved, Contest Rating - 1490+ ([View Profile](#))

**Codeforces:** Max Rating - 1052 ([View Profile](#))

**CodeChef:** Max Rating - 1592 ([View Profile](#))