

Sujit Kumar

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EXPERIENCE

Full-Stack Developer

June 2025 – Present

Vereda digital technologies

Remote

- Built and deployed a full-stack platform using **React, Node.js, Express, PostgreSQL, Sequelize,& Docker**, scaling to **10,000+ users** with **50% MoM growth**.
- Developed an **ML-based recommendation engine** with **Python and FastAPI**, boosting match accuracy from 40% to 65%, increasing weekly active users by 30% and conversions by 20%.
- Delivered both **web and Flutter** mobile applications, and collaborated with UI/UX teams to build responsive interfaces and an advanced admin panel for analytics and moderation.
- Optimized **CI/CD and deployment pipelines**, reducing deployment time by 70%, cutting moderation cycles by 60%, and contributing to a 15% reduction in product feature backlog.

Full-Stack Developer Intern

Nov 2024 – May 2025

Projectile45

Remote

- Built a **Next.js, Node.js, MongoDB** app supporting with 45% faster **APIs** & improved reliability.
- Implemented **auth, real-time data fetching,& caching to reduce** errors by 33% and improve page-load speed.

PROJECTS

Pathfinding-visualizer | *React, JavaScript, TypeScript, TailwindCSS*

[Github](#) [Live](#)

- Developed a pathfinding visualizer (**BFS, DFS, Dijkstra, A**) with maze generation, improving execution speed by 50% and increasing user adoption.
- Improved maze-generation algorithms (**Binary Tree, Recursive Division**), reducing build time by 50% and increasing session duration by 35%.

Clash | *NextJS, Typescript, TailwindCSS, Express, Socket.io, Prisma, Postgresql*

[Github](#)

- Engineered Gmail-based auth system, increasing signup conversion 25 percentage and reducing credential-reset support tickets 40 percentage, enhancing UX/security.
- Optimized real-time performance with **Redis queues**, lowering latency by 25%, handling 1K+ concurrent users, and enhancing average session length by 25%.

ChatApp | *React, Node, Express, MongoDB, Socket.io*

[Github](#) [Live](#)

- Executed low-latency **real-time messaging** with auth and notifications, and boosting retention by 25%.
- Delivered **WebSocket** chat and admin tools, boosting session duration by 30% and moderation efficiency by 40%.

TECHNICAL SKILLS

Programming Languages: C++, JavaScript, TypeScript, Python, SQL

Frontend: React.js, Next.js, Tailwind CSS, ShadCN, React Flow

Backend: Node.js, Express.js, Fast API, REST API, Microservices Architecture

Cloud/DevOps: Docker, Nginx, GitHub Actions (CI/CD), AWS (EC2, S3), Vercel, Render

Databases: MySQL, MongoDB, Supabase, Postgresql

Other Tools: Git, GitHub, Postman, Linux, Shell, Figma, Material UI, Prisma, Sequelize

ACHIEVEMENTS

- LeetCode:** Top 7.58% (Max 1818), 500+ solved; **GfG:** 500+ DSA problems.
- Global **1827th** in Leetcode Biweekly Contest-134 and **446th** in GFG Weekly Coding Contest-142.
- CodeKaze 2023:** Ranked 1494/42,000+ participants.
- Achieved 3-star on **CodeChef**, 4-star on GeeksforGeeks, and 1818 rating on **LeetCode**.

EDUCATION

Chhatrapati Shahu Ji Maharaj University

Kanpur, India

B.Tech in Computer Science & Engineering

July 2021 – July 2025

Relevant Coursework: Data Structures Algorithms, Operating Systems, Database Management Systems, Machine Learning, Software Engineerin