# Ashutosh Mathore

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## Skills

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| **Full-Stack:** | Next.js, React, React Native, TypeScript, JavaScript, Node.js, Express.js, Firebase |
| **Databases:** | MongoDB, PostgreSQL, MySQL, Drizzle ORM, Prisma, GraphQL, REST API, tRPC |
| **DevOps:** | Docker, AWS, Kubernetes, CI/CD (GitHub Actions), Nginx, WebSockets |
| **Tools & Others:** | Git, Postman, Redis |

## Experience

**Founder,** Netnimbus – Nanded, India                                   May 2023 – Aug 2024
- Built RightSight Research (B2B report marketplace) using Next.js/TypeScript frontend with Node.js/Express.js microservices, implementing real-time analytics with WebSockets and MongoDB.
- Developed American Tourister's incentive platform using React/Redis for leaderboards, with Firebase-powered real-time puzzle tracking and MySQL sales data integration (15% sales lift).
- Architected AlgoGravity with Next.js/Typescript trading UI, NestJS WebSocket order routing, and AWS ECS deployment handling 10k+ daily transactions.

**Software Engineer,** Azympto – Bengaluru, India                                   May 2023 – Jan 2024
- Contributed to Razzl, a video streaming platform (500+ early adopters), by building reusable React components with TypeScript and Redux state management, improving UI responsiveness by 40%.
- Implemented real-time chat using WebSocket/Nginx load balancing, with Elasticsearch-powered content discovery serving 500+ concurrent users.
- Migrated legacy React components to TypeScript with 98% type coverage, improving CI/CD reliability through GitHub Actions/Docker workflows.

**Junior Full Stack Developer Intern,** Mithya Labs – Dharamshala, India                                   Jan 2022 – July 2022
- Developed Playground's Web3 social features using React/TRPC full-stack with PostgreSQL/Prisma, implementing DAO governance modules used by 200+ organizations.
- Built Kno Pro's gamified LMS with Next.js, integrating Firebase Auth and Contentful progress tracking that boosted course completions by 22%.

## Projects

- **AI-Driven Crypto Automation:** Automated Solana meme coin trading using Raydium API and OpenAI sentiment analysis. Combines real-time tweet processing with blockchain transactions.
- **Union WELL App Redesign:** Redesigned CSUS Union WELL app based on user research and student feedback. Improved navigation and feature prioritization for campus services.
- **Pinterest Automation:** An AI-driven solution that creates genre-specific WordPress articles with cover images and seamlessly publishes them to both WordPress and Pinterest via API integration.
- **GitHub Visualization:** Data visualization of Git Log data using D3 to explore project trends over time.

## Certifications

- **London App Brewery:** Web Development Bootcamp- Completed 55-hour immersive full-stack web development course.
- **AlgoExpert:** Mastered algorithms and data structures, including arrays, strings, and dynamic programming.

## Education

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| **California State University- Sacramento** – MS in Computer Science | Aug 2024 - Present |
| **Veermata Jijabai Technological Institute** – Master of Computer Applications | Dec 2020 - Jul 2022 |
| **SSBES' Institute of Technology and Management** – Bachelor of Computer Applications | May 2017 - Oct 2020 |