

ZAID AHMAD

 github.com/captainsza —  captainempire786@gmail.com
 Portfolio Website —  +91 73950 66867

Full Stack Developer — Security Specialist — AI/ML Engineer

1 Professional Summary

Results-driven **Software Engineer** with proven expertise in delivering **end-to-end solutions** across the technology stack. Specialized in building **secure, scalable applications** that integrate **AI/ML capabilities** to solve complex business challenges. Demonstrated ability to collaborate effectively with cross-functional teams to transform requirements into elegant, user-centric software solutions that drive business value.

2 Professional Experience

Software Engineer Flexeere, India	Apr 2024 - Present
<ul style="list-style-type: none">→ Architect and implement end-to-end solutions, improving system throughput by 35%.→ Lead technical implementation of microservices architecture, enhancing application modularity.→ Champion agile practices and enforce high-quality code standards through CI/CD pipelines.	
Full Stack Developer Digilabs	Jan 2024 - Mar 2024
<ul style="list-style-type: none">→ Delivered 3 major client features with a 100% satisfaction rate and on-time deployment.→ Optimized backend APIs using caching strategies, reducing response times by up to 40%.→ Implemented secure authentication workflows and data encryption methods.	
Software Development Intern Oasis	Oct 2023
<ul style="list-style-type: none">→ Built a comprehensive pizza ordering system using React and Node.js with payment integration.→ Introduced responsive design principles, ensuring seamless UX across all device types.	

3 Featured Projects

ScholarSync ERP Next.js, TypeScript, MongoDB, Redux	FlexLedger Financial Management
<ul style="list-style-type: none">→ Developed university management system with role-based access for admins, faculty, and students.→ Implemented real-time analytics, automated attendance tracking, and grade management.→ Integrated document storage, course registration, and payment gateway.→ Deployed with containerization for scalability and CI/CD for continuous deployment.	<ul style="list-style-type: none">→ Created financial platform with JWT authentication, real-time alerts, and Stripe payments.→ Designed with Next.js, TypeScript, PostgreSQL, and containerized with Docker.→ Implemented reporting tools with data visualization dashboards for financial insights.
EmpireSphere Enterprise File Management	AiroMap Environmental Monitoring
<ul style="list-style-type: none">→ Built cloud storage system with Next.js, Node.js, and Prisma offering real-time sync.→ Implemented access controls and encrypted file storage with versioning support.	<ul style="list-style-type: none">→ Developed mobile app (React Native, Express) for tracking real-time pollution data.→ Integrated Google Maps API to display pollution hotspots with custom visualization.→ Implemented push notifications for air quality alerts based on user location.

4 Hackathon Achievements

Hack IITK 2024-25 Grand Finalist	Novathon Hackathon Runner-up, Nov 2022
<ul style="list-style-type: none">→ Developed ML-powered bot detection system for social media with 94% accuracy.→ Implemented neural networks with feature engineering for pattern recognition.	<ul style="list-style-type: none">→ Built blockchain-based crowd-funding platform with smart contract implementation.→ Ranked second among 50+ teams, demonstrating problem-solving abilities.
Hack-a-Run Hackathon Runner-up, Nov 2024	BeingTrendz AI Content Generation
<ul style="list-style-type: none">→ Created a real-time tracking pollution data used google map API and react native.→ Placed second among 70+ teams, recognized for technical innovation.	<ul style="list-style-type: none">→ Created automated text/image generation platform powered by Gemini AI.→ Deployed via Next.js frontend, Python microservices, and containerized architecture.

5 1Technical Skills

Languages: JavaScript, TypeScript, Python, Dart, SQL
Frontend: React.js, Next.js, React Native, Flutter, Tailwind CSS
Backend: Node.js, Express.js, Django, GraphQL

Databases: MongoDB, Redis, Firebase, Prisma ORM
DevOps/Cloud: Git, Docker, CI/CD
Tools: Postman, Stripe, JWT

6 1Education

Bachelor of Computer Applications

2021 - 2024

Babu Banarasi Das University, Lucknow

- Specialization in Data Science & AI with focus on machine learning applications
- Coursework: Database Systems, Web Development, Cloud Computing, AI/ML Algorithms

7 1Additional Achievements

- [Portfolio of Professional Certifications in Full Stack Development and Cloud Technologies](#)
- Recognized for leadership and communication skills in agile-driven development projects
- Published technical article on secure coding practices in modern web applications
- Contributed to open-source projects focused on accessibility improvements