

NASREEN MANZOOR

Full Stack Engineer | React, TypeScript, Node.js, Python, AWS

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PROFESSIONAL SUMMARY

Full Stack Engineer with 5+ years of experience building scalable, secure, and cloud-native web applications across SaaS, fintech, Web3, and agri-tech domains. Skilled in React, Node.js, Python, Flask, Angular, REST APIs, and AWS. Proven ability to improve application performance, reduce onboarding friction, optimize backend systems, and mentor engineering teams. AWS Certified Solutions Architect Associate with hands-on experience in CI/CD, cloud architecture, API design, and production reliability.

PROFESSIONAL EXPERIENCE

Full Stack Engineer

Suvik | Sharjah Research & Technology Park, UAE
2023 – Present

- Owned end-to-end development of user-facing web experiences and backend services for production investment platforms using React, TypeScript, Node.js, Python, and AWS.
- Built high-visibility customer journeys including onboarding, dashboards, investor flows, account-related modules, and admin workflows where performance, reliability, and trust directly impacted user conversion.
- Collaborated closely with product managers, designers, compliance teams, and business stakeholders to translate ideas into experiments, ship features, and iterate based on user behavior and feedback.
- Reduced onboarding drop-off by approximately 30% by identifying UX and performance bottlenecks and improving frontend rendering, API interactions, validation flows, and loading strategies.
- Designed and optimized RESTful APIs and service contracts, improving response times by 30%+ through backend refactoring, query optimization, and cleaner data flow design.
- Implemented asynchronous and scheduled workflows using background jobs and CRON-based processes to support business-critical operations without blocking user experiences.
- Built and integrated AI-assisted chatbot workflows to support user queries, improve self-service experiences, and automate repetitive customer/investor interactions.
- Introduced AI-assisted engineering workflows using tools such as Copilot, Claude Code, and Codex to accelerate debugging, documentation, test scenario generation, code review support, and CI/CD troubleshooting.
- Contributed to cloud and DevOps practices including CI/CD pipelines, environment segregation, monitoring, deployment support, and production reliability across AWS-based environments.
- Mentored 5+ engineers, encouraging ownership, clear communication, thoughtful engineering trade-offs, and better understanding of system design, scalability, and product quality.

Full Stack Engineer | Team Lead

ESPL, Mumbai
2021 – 2023

- Built and scaled **user-facing SaaS applications** using **Angular, Python (Flask), and SQLAlchemy**, supporting data-driven behavioral analytics products.
- Designed and implemented **backend APIs and data models** that powered reporting, analytics, and workflow automation features used by enterprise customers.
- Introduced **asynchronous processing** using Celery to handle high-volume background workloads, improving system responsiveness and reliability.
- Led a **platform architecture redesign** to improve scalability, fault tolerance, and developer velocity as product usage grew.

- Designed and delivered a **ticketing and workflow system** end-to-end, supporting **500+ active tickets per month** with predictable performance. Strengthened security and data integrity by implementing **encryption and access controls** for sensitive data.
 - Promoted to **Technical Lead within 8 months**, taking ownership of:
 - Feature planning and delivery commitments
 - Code quality through reviews and mentoring
 - Cross-team collaboration with product and stakeholders
 - Acted as a **technical partner** to product teams, helping shape solutions rather than just implementing requirements.
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TECHNICAL SKILLS

Backend:

Node.js, Flask, Django, RESTful APIs, CRON Jobs, Celery, Express.js

Frontend:

React.js, Next.js, Angular, TypeScript, JavaScript ES6+, HTML5, CSS3, Responsive Design

Cloud & DevOps:

AWS (EC2, S3, IAM, ALB, ASG), Docker, Kubernetes, ECS, SQS, SNS, CloudWatch

Databases:

PostgreSQL, MySQL, MongoDB, SQLAlchemy, ORM Design

Architecture & Security:

Scalable System Design, API Performance Optimization, AES Encryption, Authentication & Authorization, Microservices

Tools & Practices:

Git, GitHub, Figma, Agile/Scrum, UI/UX Collaboration, Technical Documentation, Claude Code, Copilot, Codex, CI/CD, Testing

EDUCATION

- **Master of Computer Applications (MCA)**
APJ Abdul Kalam University | 2018 – 2021
CGPA: 9.3
- **Bachelor of Computer Applications (BCA)**
Calicut University | 2015 – 2018
CGPA: 8.0

LANGUAGES

- English – Bilingual Proficiency
 - Hindi – Professional Proficiency
 - Arabic – Elementary Proficiency
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CERTIFICATIONS & ACHIEVEMENTS

- **AWS Certified Solutions Architect Associate**
 - **AWS Certified Cloud Practitioner**
 - **IBM Design Thinking Certification**
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