Ashna Ahammed

Full Stack Developer

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LinkedIn | GitHub | Portfolio

Summary

Full Stack Developer with 1+ year building production applications for US clients in healthcare, fintech, and AI platforms. Specialized in MERN Stack, Next.js, TypeScript, and PostgreSQL. Proven track record optimizing systems (40% performance gains), implementing RBAC for 10,000+ users, and delivering features end-to-end. Strong remote collaboration across time zones.

Technical Skills

- **Frontend:** React.js, Next.js, TypeScript, JavaScript, Redux, Material-UI, TailwindCSS, Responsive Design
- **Backend:** Node.js, Express.js, MedusaJS, REST APIs, GraphQL, Microservices, WebSocket
- **Database:** PostgreSQL, MongoDB, Firebase, Supabase, Query Optimization
- **Cloud & DevOps:** AWS (S3, Elastic Beanstalk), Vercel, Railway, GitHub Actions CI/CD
- **Tools:** Git, Postman, Figma, JWT, OAuth 2.0, RBAC, ESLint

Professional Experience

Full Stack Developer | Prahan Soft Pvt Ltd | Remote   Jul 2025 – Present

Nova Digital Health - Healthcare E-commerce Platform (US Client)

- Built healthcare e-commerce platform serving 10,000+ users using Next.js, MedusaJS, and PostgreSQL
- Designed and implemented granular RBAC system with custom permissions for multi-level user hierarchies
- Optimized database queries with indexing strategies, reducing API response time by 40%
- Managed tax regions, pricing logic, and compliance workflows for US healthcare regulations
- Collaborated with international stakeholders translating requirements into scalable technical solutions

Omni Agent - AI-driven Platform (US Client)

- Designed RESTful APIs with Node.js, Express, and PostgreSQL following clean architecture principles
- Implemented JWT authentication and middleware-based RBAC for secure multi-tenant access
- Improved performance through pagination, indexing, and query optimization

Article Review Platform - Academic Management System

- Architected production-ready platform from scratch with Node.js, Express, PostgreSQL, TypeScript
- Integrated AI-powered analysis for content quality assessment and automated review workflows
- Built secure system with input validation, rate limiting, and centralized error handling

BigShares AI - Financial Dashboard (US Client)

- Created AI-powered admin dashboard with React.js featuring real-time financial data visualization
- Delivered complete solution within 2-week deadline

Technical Interviewer (Contract) | DataValley | Remote   Nov 2025 – Dec 2025

- Conducted 6+ technical interviews evaluating full-stack and backend candidates on JavaScript, Node.js, databases, and system design
- Provided structured feedback improving screening quality and reducing time-to-hire by 25%

Communication Trainer (Part-time) | Brototype | Kerala   Jul 2024 – Jul 2025

- Trained 30+ developers in technical communication and mock interviews for international markets

- Increased placement success rate by 40% through structured feedback and curriculum development

Key Projects

ChatFlow - AI Chat Application   Demo | GitHub
Stack: MERN, TypeScript, Socket.io, Hugging Face NLP, Firebase
- Built real-time chat with AI-powered smart replies, message summarization, and secure file sharing
- Integrated Hugging Face NLP for conversation analysis and automated response suggestions
- Implemented WebSocket with optimized data structures achieving 99.9% uptime and sub-100ms response

Aura Candle Studio - E-commerce Platform   Demo | GitHub
Stack: Express.js, MongoDB, Bootstrap, Razorpay, AWS S3, Elastic Beanstalk
- Developed full-featured e-commerce with payment processing, inventory management, and order tracking
- Integrated Razorpay gateway and AWS S3 for scalable storage with CDN
- Implemented responsive design with SEO optimization improving engagement by 60%
- Deployed with AWS Elastic Beanstalk using automated CI/CD pipelines

MovieFlix - Streaming Platform   Demo | GitHub
Stack: MERN, TypeScript, TMDB API, JWT, Firebase Auth, TailwindCSS
- Built streaming platform with dynamic content loading, filtering, and personalized recommendations
- Integrated TMDB API with JWT authentication and personalized watchlists

Education & Certifications

Bachelor of Computer Science | University of the People   Jun 2024 – Present
Full Stack Bootcamp (600+ hours) | Brototype | Ranked Top 10%   Feb 2024 – Jun 2025
Certifications: Harvard CS50x | FreeCodeCamp JavaScript Algorithms | Microsoft Azure AZ-900 | IBM AI Fundamentals