Ashna Ahammed

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Summary

Self-taught **Full Stack Developer** skilled in MERN Stack, TypeScript, and real-time web technologies like Socket.io. Built scalable, production-ready apps including an AI-driven Chat App and a live e-commerce platform. Hands-on experience with deployments (AWS, Firebase) and conversational AI (Rasa, Hug- ging Face). Strong problem-solver with bootcamp and mentoring background.

Technical Skills

- **Languages & Frameworks:** JavaScript, TypeScript, Node.js, React, Redux Toolkit, HTML, CSS, Bootstrap, TailwindCSS
- **Databases:** MongoDB, PostgreSQL
- **Tools/ Clouds:** Git, GitHub, Postman, Figma, Firebase, Supabase, Mongodb Atlas, Netlify, Railway, Render, Vercel, Glitch, AWS, DigitalOcean
- **AI & NLP:** Rasa, Hugging Face
- **Authentication/Authorization:** JWT, OAuth, Firebase GoogleAuth
- **Real-Time Communication:** WebSocket, Socket.io
- **CI/CD:** GitHub Actions
- **Code Quality:** ESLint, Prettier
- **Concepts:** RESTful API Design, MVC Architecture, Agile Methodologies, SOLID Principles, Data Structures and Algorithms, OOPS

Projects

ChatFlow- AI Chat App   github
MERN, TypeScript, Socket.io, Rasa, HuggingFace, Firebase

- Real-time chat platform with message summarization and smart bot replies, and file-sharing with MongoDB TTL.
- Rasa + Hugging Face integration for natural conversation.
- WebSocket-driven live messaging,**FIFO** queues, and secure file storage.
- Clean UI with TailwindCSS and real-time user status via hash maps.

Aura Candle Studio   live | github
Expressjs, Bootstrap, MongoDB, RazorPay, Node- mailer, AWS

- E-commerce platform with authentication, payment, and product management.
- Integrated Razorpay for secure checkout and **AWS S3** for storage.
- Used Elastic Beanstalk for reliable hosting.

Mini Projects

UserSphere | MERN, Typescript, Redux, TailwindCSS, Firebase   github
- User management system with CRUD operations and role-based access control.
- Firebase GoogleAuth for secure authentication and Firebase Storage for image handling.

Marketplace Pro | MERN, Typescript, TailwindCSS, Firebase GoogleAuth   live | github
- Platform for online classified ads inspired by OLX.
- Features like product image uploads and category-based search.

MovieFlix | MERN, Typescript, TMDB API, Firebase, JWT, TailwindCSS   live | github

- Movie streaming platform inspired by Netflix.
- TMDB API for dynamic content and advanced filtering.
- User authentication with JWT and personalized watchlists using Firebase Google Authentication.

Certifications

- FreeCodeCamp – JavaScript Algorithms & Data Structures
- Microsoft Learn – Azure Fundamentals
- IBM Cognitive Class – AI Concepts
- Sololearn – C basics
- Harvard CS50x – Intro to Computer Science (Ongoing)

Experience

Full Stack Developer, Brototype – Kerala, India   Feb 2024 – Present

- Selected for highly intensive full-time bootcamp focused on production-grade web development.
- Built MERN stack projects under strict weekly evaluations with mentorship support.
- Demonstrated team leadership, technical ownership, data structures & algorithms, and version control practices.

Student Communication Trainer (Part-time), Brototype – Kerala, India   July 2024 – Present

- Conducted English communication and mock interviews for aspiring developers. Evaluated 30+ candidates and helped them prepare for interviews and admis- sions.

Education

University of the People
Bachelor's degree in Computer Science (in Progress)