Muzzamil Hissan

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SUMMARY

Computer Science undergraduate with hands-on experience in web development, cloud deployment, and AI-powered systems. Delivered multiple industry projects, building scalable web applications with React, Next.js, Tailwind CSS, Node.js, Express, Docker, and AWS. Skilled in database integration (MongoDB, MySQL) and AI solutions (OpenAI API, LangChain, CREW AI), with a solid foundation in OOP, Data Structures, and full-stack development.

EXPERIENCE

- **Arch Technologies** — Remote
  Machine Learning Intern — *Jun 2025 - Jul 2025*
  - **ML Development**: Developed and optimized machine learning models, applied AI workflows, and collaborated on practical problem-solving projects.

- **Upwork (Freelance)** — Remote
  Full-Stack Developer — *Jan 2022 - Oct 2025*
  - **Full-Stack & API Development**: Built responsive, scalable web apps with React, Next.js, Node.js, Express, and Tailwind CSS; developed REST APIs and integrated databases (MongoDB, Neo4j, MySQL) with AI systems (OpenAI, LangChain, CREW AI).
  - **Deployment & Collaboration**: Deployed apps via Docker, AWS, Vercel, Netlify, and Railway; translated client requirements into robust solutions while maintaining high code quality with Git/GitHub.

PROJECTS

- **Invest Wise**
  React.js, Node.js, AI Integration
  - **AI-Powered Financial Platform**: Developed a web application integrating AI models for financial planning and personalized recommendations, providing real-time insights and predictive analytics for users.
  - **Full-Stack Development & Deployment**: Built scalable frontend with React and dashboards; backend APIs with Node.js; deployed on Vercel, Netlify, AWS S3/CloudFront, Heroku, AWS EC2, DigitalOcean, and Railway, ensuring high availability and performance.

- **Chat App**
  React, Firebase, AWS S3
  - **Real-Time Messaging**: Built real-time chat app using Firebase with secure user authentication and data synchronization.
  - **Cloud Storage**: Integrated AWS S3 for images, improving load speed by 35% and user engagement by 20%.

- **CYA Organization Platform**
  React.js, Next.js, Tailwind CSS, Node.js, Docker, AWS
  - **Responsive Web App**: Engineered a high-performance web platform for an international NGO with component-based architecture and interactive UI.
  - **Optimization & UX**: Improved frontend performance using lazy loading and code splitting; enhanced engagement with Tailwind CSS animations.

SKILLS & COMPETENCIES

- **Frontend:** React, Next.js, TypeScript, JavaScript, HTML5, CSS3, Tailwind, Bootstrap, EJS, Responsive Design, UI/UX, Figma

- **Backend:** Node.js, Express.js, FastAPI, REST APIs, JWT/OAuth Authentication, Microservices

- **Web & Cloud:** Full-Stack Development, Real-Time Apps, Data Visualization, AWS (EC2, S3, RDS, Amplify), Docker, Vercel, Netlify, Railway, CI/CD

- **AI & Agentic Systems:** OpenAI API, LangChain, LLM Integration, Agentic Chatbots & Audiobots, Predictive Analytics, CREW AI

- **Databases:** PostgreSQL, MongoDB, MySQL, Database Design, Query Optimization, Migrations

- **Tools:** Git/GitHub, Postman, Firebase, Jira, Trello, Agile Workflows, VS Code