

Anshad M

Software Engineer

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Professional Summary

Creative and detail-oriented Software Developer with a strong foundation in backend development using **Node.js** and **Express.js**, complemented by experience in front-end technologies like **React.js**. Skilled in building scalable APIs, secure authentication flows, and robust server-side logic. Adept at full-stack development, collaborating across teams, and delivering user-centric web solutions. Seeking a backend or full-stack role to contribute Node.js expertise in modern application development.

Core Skills

- **Backend:** Node.js, Express.js, RESTful APIs, Authentication (JWT/OAuth)
- **Frontend:** React.js, HTML, CSS, JavaScript, Handlebars (hbs)
- **Programming:** JavaScript (ES6+)
- **Databases:** PostgreSQL, MongoDB, Astra DB
- **DevOps & Tools:** Docker, GitLab, Git, Postman, Render, AWS (basic)
- **Professional Skills:** Leadership, Teamwork, Problem-Solving, Time Management

Work Experience

Software Developer

Aventus Informatics, Infopark Koratty

Mar 2025 – Jun 2025

- Developed backend services using **Node.js** and **Express.js**, building secure APIs and custom middleware for user interactions.
- Collaborated with frontend developers to integrate React.js interfaces with Express-based APIs.
- Led the creation of interactive UIs using **React.js**, featuring dynamic components and responsive design.
- Implemented RESTful endpoints and error-handling mechanisms to support full-stack functionality.
- Supported CI/CD workflows using Docker and GitLab for smooth deployment cycles.

Software Developer

Hamdaz Technologies, Calicut

Oct 2024 – Feb 2025

- Built and maintained scalable backend APIs using **Node.js** and **Express.js**, enabling smooth operations for internal tools.
- Developed frontend features with **React.js**, integrating them seamlessly with backend logic.
- Designed authentication flows and session management using JWT in Express.js.
- Collaborated with UI/UX teams to translate Figma designs into functional web interfaces.
- Deployed and monitored full-stack applications on Render using Docker containers.

Projects

VocaVisionary: A Career Guidance Chatbot (Node.js, React.js, Chat-Bison) [IEEE Publication]

- Developed a scalable backend with **Node.js** and **Firebase** to handle user sessions, prompt storage, and API integrations.
- Built AI chatbot UI with **React.js**, leveraging hooks and component-based architecture.
- Integrated personalized guidance logic using aptitude scores and the **Chat-Bison** model.
- Ensured secure and structured backend routes for efficient interaction between frontend and AI services.

Air Quality Monitoring System (Node.js, React.js, WebSockets, Raspberry Pi)

- Engineered backend services in **Node.js** to receive and process real-time AQI data from Raspberry Pi sensors.
- Built a dynamic dashboard in **React.js**, integrating **WebSockets** for live updates.
- Stored environmental data in **MongoDB Atlas** and automated AQI computation using Python scripts.
- Visualized results using **Chart.js** and ensured end-to-end data flow between hardware and UI.

Additional Experience

Technical Team Member

MEA IEDC, MEA Engineering College

Aug 2022 – Jun 2023

- Built responsive websites using **React.js**, HTML, and CSS for college initiatives.
- Assisted in organizing tech events, enhancing collaboration and problem-solving skills.

Education

APJ Abdul Kalam Technological University

Jun 2020 – Jun 2024

- B.Tech in Computer Science — *First Class with Honors*

Languages

- **English:** Fluent (Read, Write, Speak)
- **Malayalam:** Native

Certifications

- **APJ Abdul Kalam Technological University** — B.Tech in Computer Science (2024) [View Certificate]
- **IEEE Publication** — VocaVisionary: A Career Guidance Chatbot (2024) [IEEE Link]
- **Second IEEE International Conference on Advances in Information Technology (ICAIT-24)** — Adichunchanagiri Institute of Technology (2024) [View Certificate]