Maruf Omer

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Education

ALX Software Engineering Program   2023 – 2024
Full Stack Software Engineering Certificate   *Remote*
- **Key Skills:** JavaScript, Python, Node.js, Express, MySQL, MongoDB, React, Git, Linux, REST APIs
- **Projects:** System monitoring app, RESTful API backend, personal portfolio, authentication systems

Ethiopian Aviation Academy   2022 – Present
Diploma in Aircraft Maintenance Engineering   *Addis Ababa, Ethiopia*
- **Relevant Skills:** Technical documentation, teamwork, problem-solving, system analysis

Experience

School Management System (Personal Project)   Mar 2024 – Jun 2024
Full Stack Developer   *Remote*
- Developed a complete school management system using **Node.js**, **Express**, **MySQL**, and **React**, allowing teachers to manage students, exams, and subject materials.
- Integrated authentication and role-based access for students, teachers, and admins using **JWT** and **bcrypt**.
- Implemented online exam module with real-time grading and material uploads (PDFs/videos).

Portfolio Website   Jan 2024 – Feb 2024
Frontend Developer   *Remote*
- Built a modern, animated portfolio using **React**, **Tailwind CSS**, **Framer Motion**, and deployed on **Netlify**.
- Showcased personal projects, certifications (hosted via Google Drive), and skill sets with responsive design.

Projects

School Management System | *React, Node.js, Express, MySQL, Bootstrap*
- Designed and developed a full-stack web application for managing students, teachers, exams, and schedules.
- Implemented authentication and role-based access using JWT for students, teachers, and admins.
- Added online exam and material upload features, improving resource sharing and exam handling.

Personal Portfolio Website | *React, Tailwind CSS, Framer Motion, Vite, Netlify*
- Built a fully responsive and animated portfolio to showcase projects, skills, and downloadable certificates.
- Integrated sections like About, Skills, Projects, Contact using smooth scroll and animation effects.
- Deployed the website on Netlify and optimized for performance and SEO.

ALX Full Stack Projects | *JavaScript, Node.js, Python, MongoDB*
- Completed multiple projects including a REST API, system monitoring tool, and authentication server.
- Collaborated with peers using GitHub and followed Agile development workflows.
- Practiced test-driven development and clean code principles throughout the program.

Technical Skills

Languages: JavaScript, Python, SQL, HTML, CSS, Bash
Frameworks & Libraries: React.js, Node.js, Express.js, Bootstrap, Tailwind CSS, jQuery
Databases: MySQL, MongoDB
Tools & Platforms: Git, GitHub, VS Code, Postman, Linux, Netlify, Vercel, MAMP
Concepts: RESTful APIs, MVC Architecture, CRUD Operations, Authentication (JWT), Agile Methodology