Shan Afraz S

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■ GitHub: github.com/shanafraz17-wq

Professional Summary

Dynamic and detail-oriented React Developer with hands-on experience in building scalable, responsive, and user-focused web applications using React.js, JavaScript, and MERN stack technologies. Skilled in developing modern UIs, REST APIs, and integrating backend services. Adept at working in Agile teams, applying problem-solving techniques, and staying up to date with industry trends. Proven ability to deliver clean, maintainable, and performance-driven code.

Core Skills

Frontend:	React.js, JavaScript (ES6+), HTML5, CSS3, Bootstrap
Backend:	Node.js, Express.js, RESTful APIs
Database:	MongoDB
Tools:	Git, GitHub, Postman, AWS (basics), Azure (basics)
Other:	Python, AI & Federated Learning concepts
Soft Skills:	Problem Solving, Teamwork, Communication, Agile Development

Professional Experience

Web Development Intern | PanTech E-Learning (2023)
- Built responsive web pages using React.js, HTML, CSS, and Bootstrap.
- Developed and integrated REST APIs with Node.js & Express.js.
- Managed MongoDB databases for data storage and retrieval.
- Collaborated in Agile teams, enhancing debugging and troubleshooting.
- Delivered features improving performance and engagement with dashboards.

Projects

Indoor Air Quality Monitoring System (12/2023 – 04/2024, Coimbatore)
- Designed and developed a React.js dashboard for real-time air quality tracking.
- Implemented Node.js + Express.js backend for data storage.
- Integrated real-time visualization of sensor data.

Privacy Preserving Using Federated Learning (06/2024 – 03/2025, Coimbatore)
- Applied AI and Federated Learning techniques to build a secure full-stack system.
- Developed React.js dashboards for advanced data visualization.
- Integrated secure backend APIs with Node.js & Express.js.

Personal Portfolio Website
- Created and deployed a modern portfolio website using JavaScript, HTML, CSS, and Bootstrap.
- Integrated contact form with Node.js + Express.js backend.
- Stored submissions and project details using MongoDB.

Movie Website
- Built a responsive movie website using React.js and Bootstrap.
- Implemented movie search, filtering, and dynamic UI updates.
- Used API integration for fetching movie details.

Education

B.Tech in Artificial Intelligence & Data Science | Karpagam Academy Of Higher Education, Coimbatore (2021 – 2025)
Higher Secondary | J.S.R Matriculation Higher Secondary School (2019 – 2021)
Primary & Secondary | Sri Sowdeswari Vidyalaya (2009 – 2019)

Languages

Tamil: Native
English: Proficient
Malayalam: Advanced
Hindi: Intermediate