Selvagurunathan

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Summary

Full-stack developer with hands-on experience in the MERN (MongoDB, Express.js, React, Node.js) stack. Completed an Industry Ready Certification from Nxtwave and developed multiple real-world projects integrating front-end and back-end technologies. Passionate about building scalable web applications, solving complex problems, and continuously learning new technologies. Strong understanding of software development lifecycle, debugging, and performance optimization.

Technical Skills

- Front-end: React.js, HTML, CSS, JavaScript
- Back-end: Node.js, Express.js, Python
- Databases: MongoDB, SQLite
- Tools & Platforms: Git, GitHub, Postman, Netlify, Vercel
- Other Skills: Problem-solving, Team Leadership, API Development, Version Control (Git), Debugging, Performance Optimization

Education

Industry Ready Certification in Full-Stack Development
Nxtwave Disruptive Technologies, May 2024 - Ongoing

Diploma in Electrical and Electronics Engineering (EEE) (91.0%)
AJ Polytechnic College, Sivakasi, 2018 - 2020

Projects

Nxt Watch (https://nxtwatchsrp.ccbp.tech)
A YouTube clone where users can log in, browse trending videos, and toggle between Light/Dark themes.
Implemented authentication using JWT tokens and built a dynamic UI with React.js and CSS.
Technologies Used: React.js, JavaScript, CSS, Routing, REST API, JWT Authentication

Covid Dashboard (https://covid19dashsrp.ccbp.tech)
A dashboard to track Covid-19 cases in India state-wise with data visualization.
Implemented interactive charts using Recharts and a responsive UI using CSS.
Technologies Used: React.js, JavaScript, CSS, Recharts, Figma

Quiz Game (https://quiz-game-smp.vercel.app)

An interactive quiz platform allowing users to register, log in, and participate in multiple-choice quizzes.

Implemented JWT-based authentication for secure user login and used SQLite for data storage.

Technologies Used: React.js, Node.js, Express.js, SQLite, JWT Authentication, CSS

MeteoSyn - Weather App (https://meteosyn.netlify.app/)

A weather forecasting application providing real-time weather updates based on location.

Integrated OpenWeather API to fetch real-time data and built a responsive UI using React.js.

Technologies Used: React.js, CSS, OpenWeather API, Netlify

S3 Text-to-Speech (https://s3texttospeech.ccbp.tech)

A web app that converts text into speech using the built-in SpeechSynthesis API in React.

Designed an accessible UI using CSS for ease of use.

Technologies Used: React.js, Web Speech API, JavaScript, CSS

Todos Application (https://todoappsrp.ccbp.tech)

A task management app with CRUD operations and local storage support.

Developed an intuitive UI with React.js for seamless task management.

Technologies Used: HTML, CSS, JavaScript

Work Experience

Electrical Technician | 3 Years

- Led a team in the electrical field, improving problem-solving and coordination skills.

- Managed multiple projects with efficiency and precision.

- Developed strong analytical and troubleshooting skills, now applied to software development.

Contact & Links

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