Selvagurunathan K

MERN Full–stack Developer | Passionate About UI | APIs & Scalable Design

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Summary:

I am a passionate **MERN Full-Stack Developer** focused on creating **user-friendly**, **scalable** and **responsive web applications**. Completed the **NxtWave MERN Stack course** and built **8+ live projects**, including **quiz apps** and a **COVID-19 dashboard**. I have basic knowledge of **TypeScript** and **Next.js** and I am eager to expand my skills and contribute to **innovative tech teams** solving **real-world challenges**.

Skills:

Frontend: **HTML, CSS, JavaScript, React.js, Bootstrap, Responsive Design, TypeScript** (*Intermediate*)**, Next.js** (*Basic*)**, Tailwind CSS** (*Basic*)

Backend: **Node.js, Express.js, Python, FastAPI, RESTful API Development, JWT Authentication**

Database: **MongoDB** (*with Mongoose*)**, SQLite**

Tools & Platforms: **Git, GitHub, Postman, Vercel, Render, Netlify**

Projects:

My Portfolio | Next.js, TypeScript, CSS
- Responsive, **scalable design** with a clean, **user-friendly interface**.
- Showcases **9 MERN stack projects** with **live demos** and **GitHub links**.
- Features **resume download/share, certificate display** and **feedback via email**.
- **Live Demo: https://selva-briefview.vercel.app**

Quiz Game | React.js, MongoDB, Node.js, Express.js, CSS
- Developed a **multilingual quiz app** supporting **Tamil & English**.
- Features **real-time scoring** and **adaptive difficulty levels**.
- Designed an engaging **UI** with various **question categories**.
- **Live Demo: https://quiz-game-smp.vercel.app**

Covid-19 Dashboard | React.js, JavaScript, CSS
- Built a **real-time COVID-19 tracking dashboard**.
- Integrated **interactive charts** and **state-wise statistics**.
- Utilized a **live API** for **accurate data representation**.
- **Live Demo: https://covid19dashsrp.ccbp.tech**

MeteoSyn (Weather App) | React.js, JavaScript, CSS, Open Weather API
- Provides **real-time weather updates** with a **5-day forecast**.
- **Location-based insights** using an external **weather API**.
- Clean **UI** for **enhanced user experience**.
- **Live Demo: https://meteosyn.netlify.app**

Non-IT / Electrical Experience (2021 - 2024) **:**

- Solar & Electrical Work: Installation, wiring, troubleshooting, and maintenance.
- Manufacturing & Power Systems: Panel termination, cable routing, and equipment setup.
- Project Execution: Site supervision, technical analysis, and safety compliance.

Education :

- **NxtWave – MERN Stack** (May 2024 - Feb 2025) with **Good Knowledge**
- **AJ Polytechnic College – Diploma in EEE**, **91%** (2018 - 2020)
- **G.S.H.Hr.Sec School – HSC: 66%**, **SSLC: 80%**