

Selvagurunathan K

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

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Portfolio: [selva-briefview.vercel.app](#) | GitHub: [github.com/selva-mern12](#)

IRC: [certificates.ccbp.in/intensive/irc?id=DL9DHKP0BO](#)

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 **Full-stack Quiz Game apps** and a **COVID-19 dashboard using React**. I have hands-on experience with **TypeScript and Next.js**, which I used to build my personal portfolio. Skilled in core **Data Structures and Algorithms** using **JavaScript** and **Python**, and eager to 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**
DSA: **Arrays, Strings, Recursion, Hashing, Sorting, Searching** (**JavaScript & Python**)

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), Sivakasi
- **G.S.H.Hr.Sec School – HSC: 66%, SSLC: 80%**, Srivilliputtur