

Karthick S

Full Stack Developer

Profile Summary

Emerging **Full Stack Developer** seeking an entry-level position to apply and expand my expertise in building user-centric web applications using **Python Django Framework** and the **MERN stack**. With a strong foundation in **Python**, **RESTful APIs**, **ReactJS**, **Node.js**, **Express.js**, and **MongoDB**, I am committed to continuous learning and growth. Recognized for innovative troubleshooting, alterable to emerging challenges, and a steadfast dedication to delivering robust, scalable solutions, I consistently exceed quality benchmarks while aligning with evolving project objectives.

Relevant Experience

TENZO - Blog Application (Django)

- Designed and developed a charismatic and user-friendly **blog application** using **Django**, enabling users to create, edit, and manage blog posts fluidly.
- Incorporated **user authentication** and role-based access control to ensure secure access and content management.
- Designed a clean and responsive UI using **HTML5**, **CSS3**, and **JavaScript**, ensuring seamless cross-device functionality.
- Developed scalable **MySQL solutions** that improved **data retrieval** times by 35%, allowing the application to maintain high performance during peak usage periods while ensuring consistent uptime.
- Deployed the application on **Render**, ensuring consistent performance and accessibility.

Twitter Clone (MERN Stack)

<https://twitter-clone-g7vs.onrender.com>

- Architected a comprehensive **twitter platform** utilizing the **MERN stack**, integrating user-friendly features such as **tweet listings** and **notification management** that improved customer navigation time by 30 seconds per visit.
- Engineered a robust **authentication system** alongside **comprehensive user profiles** that streamlined account access processes; **reduced sign-in time by an average of 15 seconds** per session across all devices.
- Create, edit, delete, and view tweets. Support for **text**, **images**, **emojis** in tweets. Secure **sign-up and login** system using **JWT authentication**.
- Integrated **Tan Stack Query** for efficient **server state management**, ensuring seamless **API data fetching**, **caching**, and **synchronization** with minimal client-side complexity
- Leveraged **Tailwind CSS** to architect a 100% highly responsive, mobile-first user interface, conscientiously optimizing for **diverse screen sizes and device orientations**.

Contact

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Portfolio: [Karthick's Portfolio](#)

LinkedIn: [LinkedIn](#)

GitHub link: [GitHub](#)

Education

Bachelor of Technology in **Information Technology**, **St. Joseph college of engineering**, Sriperumbudur, Tamil Nadu, June 2024.

- CGPA:** 7.9/10
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Skills

Front-End Development:

- HTML5, JavaScript (ES6+),
- ReactJS and Next.js
- Framer Motion, Tailwind CSS and Bootstrap

Back-End Development:

- Python (Django, Flask)
- Node.js
- Express.js

Databases:

- MongoDB
- MySQL

Version Control & Deployment:

- Git, GitHub, Render, Netlify

Other Technical Skills:

- JSON,
- RESTful APIs,
- Object-Oriented Programming (OOP)