Vandrangi Sai Vivek

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SUMMARY

MERN / PERN Stack Developer — Python Developer — Full Stack Web Developer

Versatile and results-driven Full Stack Web Developer proficient in building scalable, responsive web applications using MERN and PERN stacks. Skilled in Python scripting, REST API integration, modern JavaScript (ES6+), and frameworks like Next.js and Tailwind CSS. Strong grasp of DSA, clean UI/UX design, and version control (Git/GitHub). Adept at delivering quality solutions under tight deadlines with strong team collaboration.

Education

Indian Institute of Information Technology Kottayam   *Aug 2023 – Present*
BTech in Computer Science

- GPA: 8.3/10.0
- **Coursework:** Data Structures and Algorithms, DBMS, Computer Networks, Operating Systems, Design and Analysis Of Algorithms

Technologies

Languages: Python, JavaScript (ES6+), C++, Java, HTML5, CSS3
Frameworks/Libraries: React.js, Node.js, Express.js, Tailwind CSS, Next.js ,Selenium,Flask
Tech Stack: MERN,PERN
Databases: MongoDB, PostgreSQL

Experience

Python Developer   *MAY 2025*
Xpertstim IT Solutions

- Developed and maintained Python scripts for automating repetitive tasks, improving efficiency by 80%
- Collaborated with the team using Git and GitHub for version control and pull request workflows.
- Developed a custom Python-based browser using PyQt5 and QWebEngineView for loading and interacting with web pages inside a desktop application.

Projects

FOREVER E-COMMERCE STORE   *Forever* ↗

- Built a fully functional E-Commerce web application with seamless user and admin experiences.
- Implemented authentication and authorization using JWT and localStorage to restrict admin-only features.
- Developed a secure admin dashboard to manage products, categories, inventory, and user orders efficiently.
- github.com/saivivek45/forever ↗
- Tech Stack: MERN Stack (MongoDB, Express.js, React.js, Node.js)

Expense Tracker   *Expense-tracker* ↗

- Built an interactive expense tracker using React and Context API to manage global state.
- Enabled users to record, categorize, and monitor financial transactions with real-time UI updates.
- github.com/saivivek45/Expense-tracker ↗
- Tech Stack: REACT

Achievements

5 Python (HackerRank)   **2 Coder (CodeChef)**   Solved 100+ DSA Problems   Ranked Top 1000 in Codechef Contests