

Supritha S S

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Full Stack Developer | React.js & Python | 4+ Years Experience

Professional Summary

Frontend-focused Full Stack Developer with over 4 years of experience in building modern, scalable web applications using React.js and Python. Proficient in designing responsive UIs, integrating REST APIs, and building backend logic using FastAPI. Delivered high-impact projects in healthcare and e-commerce domains, involving predictive models and user dashboards. Passionate about writing clean, maintainable code and solving real-world problems through technology.

Technical Skills

Frontend: React.js, JavaScript (ES6+), HTML5, CSS3, Tailwind CSS, Bootstrap 5

Backend: Python, FastAPI, Django (basic), PHP (basic)

Databases: MySQL, PostgreSQL, SQLite

Tools & Platforms: Git, GitHub, Postman, VS Code, JIRA

Others: WordPress, Magento 2 (basic), Agile

Professional Experience

Software Developer

Manipal Dot Net, Udupi(Remote - Bangalore)

Feb 2021 – Present

Key Projects

Project: Fall Prediction Model

Tech Stack: React.js, Python, FastAPI

- Developed a prediction-based dashboard to assess fall risk in patients using historical health data.
- Handled data extraction, preprocessing, and fall risk score calculation with Python.
- Built a React.js frontend to display risk charts, risk scores, and patient insights.
- Developed backend APIs using FastAPI to serve risk metrics and patient data.

Project: Insurance Coverage Prediction Model

Tech Stack: React.js, Python

- Built a predictive dashboard to evaluate insurance eligibility for patients based on past medical data.

- Implemented logic in Python to experiment with quantity limits and historical claim data.
- Developed UI in React.js to show prediction results, coverage decisions, and patient claim details.
- Supported CHC in streamlining claim approvals and minimizing coverage denials.

Project: PureTech E-Commerce Platform

Tech Stack: Magento 2, Tailwind CSS, JavaScript, PHP

- Customized Magento 2 modules and integrated Elasticsearch for improved product search.
- Revamped key UI components using Tailwind CSS for modern, mobile-first design.
- Handled frontend enhancements and backend tweaks for a smooth user experience.

Education

M.Sc. Computer Science – Mangalore University, Mangalagangothri (2018–2020)

B.Sc. Computer Science – PoornaPrajna College, Udupi (2015–2018)

Personal Details

Nationality: Indian

Languages Known: English, Hindi, Kannada, Tulu