

Pranit Modi

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EDUCATION

Vellore Institute of Technology

M.Tech Integrated in Software Engineering (CGPA: 8.90)

Vellore, TN

Graduation Date: May 2025

EXPERIENCE

Member of Technical Staff Intern

July 2024 - Present

NetApp India

Bangalore, KA

- Enhancing and improving the existing design system for BlueXP's frontend library, significantly boosting component reusability and reducing development time.
- Automating key workflows to streamline operations, leading to increased efficiency and reduced manual intervention.
- Conducting rigorous business continuity tests, ensuring robust disaster recovery plans and minimizing potential downtime.
- Exploring and developing projects using Generative AI (GenAI), contributing innovative solutions and enhancing the platform's capabilities.

Web Development Intern

December 2022 - March 2023

PlusKlass

Remote

- Spearheaded front-end enhancements for the company's website using React and Tailwind CSS, delivering dynamic and user-friendly experiences.
- Introduced responsive, mobile-first design principles, ensuring smooth cross-platform functionality and optimizing performance through Tailwind CSS.

PROJECTS

Article Summarizer | MERN Stack, Tailwind CSS, Google Gemini API

- Engineered a full-stack AI-powered article summarizer using the MERN (MongoDB, Express.js, React, Node.js) stack, integrating Google Gemini API for efficient content summarization.
- Implemented a RESTful API with Express.js and Node.js to handle requests between the React frontend and MongoDB backend, ensuring seamless data flow and improved scalability.

ChatDocs Explorer | Python, Streamlit, Google Gemini API, LangChain Integration

- Developed a novel chatbot-enabled application in Python, utilizing Streamlit for the front end.
- Integrated Google Gemini and LangChain for efficient vectorization and processing of multiple uploaded PDFs.
- Crafted a seamless user experience with Streamlit's intuitive interface for efficient document interaction.

Banking Stock Prediction | Python, LSTM, Machine Learning

- Leveraged LSTM to forecast stock price movements in the banking sector.
- Preprocessed and analyzed financial data for effective model training.
- Ensured model accuracy through evaluation and hyperparameter optimization.

LEADERSHIP EXPERIENCE

Head of Marketing | Entrepreneurship Cell, VIT Vellore

December 2020 - July 2023

- Advanced from a junior core member to head of the marketing department, managing a team of 120+ students and fostering the organization's growth.
- Orchestrated South India's largest Entrepreneurship fest, E-Summit'23, demonstrating strong leadership, organizational skills, and deep knowledge of the startup and entrepreneurship landscape.

SKILLS

Programming Languages: C/C++, Java, Python, SQL, JavaScript, TypeScript, Go.

Development: HTML/CSS, ReactJs, SCSS, jQuery, Express, Ejs, Tailwind CSS, Node.js, MongoDB, PostgreSQL, Android Studio, Postman, Google Cloud Platform (GCP), Microsoft Azure, Playwright, Cypress, LangChain.

Project Management and Design: Git/Github, BitBucket, Jira, Confluence, Asana, HubSpot, Figma, Adobe Premiere Pro, Photoshop, After Effects, Media Encoder.

Published review paper: The threat of quantum computing to the cryptographic security of blockchain at IC-ETITE'2024.

Certifications: Financial Markets by Yale University, Behavioral and Personal Finance, Product and Brand Management, NCC(National Cadet Corps) 'A' Certificate.

Languages: Conversational Spanish, English, Hindi **Interests:** Listening to podcasts, personal finance, cooking.