Prajwal Pawar

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EDUCATION

BMS Institute of Technology   Aug. 2018 – July 2022
Bachelor of Engineering in Electronics and Communication   *CGPA: 8.36/10*

MDS Public School   May 2015 – May 2017
Senior Secondary Education   *Percentage: 83%*

EXPERIENCE

Gen AI Engineer   May 2024 – Present
ShipSite   *Remote*
- Built and maintained complex web interfaces for AI-driven applications using React.js, TypeScript, and TailwindCSS.
- Integrated REST APIs into dynamic UIs and improved load times and responsiveness using lazy loading, caching, and efficient rendering techniques.
- Collaborated with design, backend, and product teams to deliver intuitive and performance-optimized user experiences across components like dashboards and chatbot interfaces.
- Implemented unit and integration tests using Jest and React Testing Library, reducing bugs in production by 30%.
- Contributed to design discussions, accessibility improvements, and scalable frontend architecture for new AI modules.
- Continuously monitored AI model performance and iteratively refined prompts, embeddings, and system architecture for reliability.

Frontend Web Developer Intern   April 2020 – July 2020
JP Morgan Chase and Co.   *Bengaluru, India*
- Developed interactive dashboards using HTML, CSS, and JavaScript to enhance the visualization of real-time financial data.
- Integrated secure API calls to display transactional insights and collaborated on front-end optimization for faster load times.
- Gained hands-on experience working on cross-browser compatible applications and participated in Scrum-based product development.

PROJECTS

Open-Source Job Application Assistant | *Python, LangChain, Ollama, Supabase, Streamlit*   July 2025
- Developed LazyApplyAI an open-source assistant that uses LLMs via Ollama and RAG pipelines to auto-generate cover letters, email drafts, and resume feedback from job descriptions.
- Integrated LangChain + Supabase (pgvector) for local vector search and deployed with Streamlit, enabling cost-free, resume-aware applications for users.

Site Builder Platform (Clone) | *React, TailwindCSS, Node.js*   April 2025
- Developed a low-code frontend web builder to allow users to drag-and-drop elements and deploy responsive pages.
- Integrated authentication, reusable components, and auto-save features.

SEO Intelligence Platform | *Node.js, Express, Supabase*   January 2025
- Created REST APIs for content analysis and scoring, integrating backend services with a scalable LangChain-based evaluation engine.

TECHNICAL SKILLS

Languages & Frameworks: Java, Python, JavaScript, TypeScript, Node.js, Express, React

AI & GenAI Tools: OpenAI, LangChain, LangGraph, Prompt Engineering, Supabase, HuggingFace

Cloud & AI Ecosystem: Basic exposure to AWS, OpenAI API, GPT-4, Google PaLM (exploring)

Backend & APIs: REST APIs, MongoDB, Supabase, MySQL

Tools & Platforms: : Git, Supabase, Docker

Core Concepts: DContent Personalization, Prompt Engineering, AI Workflow Orchestration, Agile, TDD, CI/CD