Yuvraj Y

Python and React Developer, 3+ years experience
Jaipur, India
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I am a Python & React Developer with 3 years of experience in building scalable web applications and REST APIs using Python, Django, and FastAPI. I specialize in both backend and frontend development, ensuring smooth integration and optimized performance. My technical expertise includes AWS, GitHub, Pytest, and experience working with data libraries like NumPy and Pandas. I have also worked on RAG-based solutions and Generative AI integrations. With strong problem-solving skills, clear communication, and a collaborative mindset, I consistently deliver efficient and maintainable code. I thrive in dynamic environments where innovation, learning, and continuous improvement are encouraged.

INDUSTRIES: Software and Platforms

TECHNICAL SKILLS

• phython	3 years
• Rest API	3 years
• React	3 years
• ORM	3 years
• SQL	3 years
• FastAPI	3 years
• SSE Web Sockets	2 years
• Docker	2 years
• Pinecone	2 years
• Selenium	1 years & 5 months

SOFT SKILLS

Teamwork, Time management

PROJECT DETAILS

• Photon AI

Project Description: Developed Photon AI integrating LLMs (Gemini, GPT-4, Claude) for Chat, QA, and RAG across 5+ file formats.
Responsibilities: Implemented function calling for dynamic Internet search, improving answer freshness and accuracy by 30%. Enabled real-time response with REST APIs and WebSockets, reducing latency by 50% during user interactions. Introduced Response regeneration and collaborative user workspaces, increasing session duration by 25%.
Technologies: React.js Python, FastAPI, Gen AI, Langchain, Google cloud platform
Industry: Software and Platforms

• Graph Algorithm Visualizer

Project Description: Developed a Graph Algorithm Visualizer with 4 algorithms (DFS, BFS, Twin BFS, A*), enhancing pathfinding insight.
Responsibilities: Enabled users to create custom graphs, define start/end nodes, generate mazes, and visualize step-by-step pathfinding. Created interactive and visually appealing animations for algorithms to enhance understanding of their working process
Technologies: React.js, Data Structures, Algorithm
Industry: Software and Platforms

• Stock Analysis Platform

Project Description: Developed AI stock analysis platform using Generative AI, reducing analysis time by 90% and delivering real-time data.

Responsibilities: Integrated Razorpay payment gateway and added subscription plans to enable secure transactions and enhanced UX. Leveraged AI to provide financial data, actionable insights, and reliable data for smarter investment strategies

Technologies: Python, React.js, Vertex AI, Gen AI, Google cloud platform

Industry: Software and Platforms

EDUCATION

• Bachelors degree in BCA from Prestige Institute of Engineering 2018 - 2021

LANGUAGES

• English - advanced

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