

Amit Pandey

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Professional Summary

Software developer with experience in building backend systems, data automation workflows, and full-stack web applications. Skilled in Python, FastAPI, Django, React, PostgreSQL, and REST API development, with hands-on experience delivering internal tools, ETL pipelines, and AI-powered automation in a fast-paced SaaS startup.

Technical Skills

Programming & Scripting: Python, C++, JavaScript, SQL (PostgreSQL), HTML, CSS

Frameworks & Libraries: Django, ReactJs, FastAPI, Nodejs

Databases & Data Tools: PostgreSQL, Supabase, Excel, Metabase

Backend & APIs: REST API Development

Developer Tools: Git, GitHub, VS Code, Linux, n8n, Basic (AWS)

Other Platforms: Salesforce

Experience

Software Developer (Automation, Integration Development), Peoplehum – May 2024 – Present
Mumbai, India

- Developed and maintained internal portals (Billing, Pricing, Lead Generation) using Python, Django, FastAPI, PostgreSQL, and automation scripts, improving workflow efficiency.
- Built and maintained ETL pipelines and implemented data visualization dashboards in Metabase using SQL queries to track KPIs, monitor system performance, and support decision-making.
- Leveraged diverse technologies including Salesforce, Zoho API, Streamlit, and Webflow to support cross-functional projects, demonstrating adaptability and problem-solving skills.
- Engineered automation solutions, including an AI-powered customer outreach agent (Vapi, n8n, ChatGPT API) and Twitter sentiment-based content distribution (Python, Selenium, Gemini API).

Full Stack Trainer, Quastech – Borivali, India Sep 2023 – April 2024

- Learned and worked with a wide range of technologies including Node.js, React, Django, Tkinter, JavaScript, Python, C++, HTML, and CSS, gaining practical exposure to both frontend and backend development.
- Collaborated with learners to build real-world projects, exploring the end-to-end development cycle including requirements gathering, system design, coding, testing, and deployment, while strengthening my own practical skills.
- Assisted in troubleshooting and optimizing projects, improving my understanding of scalable and maintainable code while strengthening problem-solving skills.

Projects

TrackMyPrep – MERN Stack Interview Preparation Platform github

- Built a full-stack MERN application enabling users to practice categorized interview questions (Basic, Advanced, Interview), track progress, and receive AI-generated test reports.
- Developed leaderboard and upvoting system to highlight top skills, integrated JWT authentication, and used Supabase for data management.
- Implemented an AI-powered Mock Interview module simulating real interview scenarios, with planned payment gateway integration for premium features.
- Tools Used: React.js, Node.js, Express.js, Supabase (DB), JWT, Gemini Flask API, HTML, CSS

OneBook – Full Stack E-Commerce Web Application

github

- Developed a full-stack e-commerce platform with user authentication, product browsing, cart, and checkout functionality.
- Built a modular Django backend with ORM for clean database relationships and designed a responsive frontend for seamless user experience.
- Tools Used: Python (Django), JavaScript, HTML, CSS

SocialGram – Interest-based Social Networking Platform

github

- Developed a full-stack social networking platform enabling user connections through shared interests and location-based recommendations.
- Implemented secure authentication, scalable data models, RESTful APIs, and a responsive front-end to deliver smooth user interactions and an engaging experience.
- Tools Used: Python, Django, JavaScript, HTML, CSS

Prioritask – Productivity Matrix App

github

- Built a full-stack productivity application inspired by the Eisenhower Matrix, enabling users to organize tasks by urgency and importance with real-time visualization.
- Implemented secure Supabase backend with authentication, real-time data storage, and responsive deployment on Vercel, ensuring scalability across mobile and desktop.
- Tools Used: React, Supabase, CSS, Vercel

Education

Mumbai University Bachelor of Engineering

Aug 2019 – May 2023

- CGPA: 8.05

Achievements

- Independently managed and enhanced backend systems, optimizing performance and introducing new features, stepping into a leadership role following the unexpected departure of the senior engineer before my start date.
- Conducted impactful seminars for 200+ college students, sharing insights on the future of the IT industry and guiding them on career readiness and essential skills for success in technology roles.