MAYANK PALIWAL

paliwalm4321@gmail.com • 8650510100 • LinkedIn • GitHub • Portfolio

Summary

Results-oriented Python Developer with practical experience in the Django framework, focused on building scalable web applications. Skilled in building scalable, data-driven web applications, including a task management app and a real-time chat platform. Committed to leveraging my skills to deliver high-performance applications while exploring advancements in NLP and AI.

Education

IIMT University   **Meerut**, U.P
MCA - AI & ML, CGPA - 8.4   September, 2024
Master of Computer Applications specialization in Artificial Intelligence and Machine Learning

Skills & Interests

Programming Languages: Python, SQL
Frameworks & Libraries: Django**,** Django Rest Framework**,** API Development**,** Flask, React
Developer Tools: Git, GitHub, Docker, AWS, GCP, Linux, Redis, Vercel
Database Technologies: PostgreSQL, MySQL, MongoDB, Firebase
Techniques & Tools: Data Structures and Algorithms**,** Data Analysis, Machine Learning, Natural Language Processing (NLP), RESTful APIs

Projects

TodoBuddy Web App
Python, Django, Django REST Framework, MongoDB, Authentication, Redis
- Built a user-friendly To-Do application utilizing Django to manage tasks effectively.
- Integrated key Django features, including Django Authentication for user management and Django Admin for task management.
- Implemented task creation, updating, and deletion functionalities.
- Developed RESTful APIs using Django Rest Framework to facilitate data exchange and interaction between the front-end and back-end.
- Planning to implement Docker for deployment and scalability in future iterations.

Job Tracker Web Application [Live Link]
React, FireBase, Vercel, Git
- Developed an open-source job application tracking tool using React for the front-end, providing a user-friendly interface for job seekers to manage their applications efficiently.
- Implemented user authentication using Firebase, enabling secure Google and Email/Password login options while ensuring data privacy and user-specific data access.
- Engineered a real-time data update feature with Firebase Firestore, providing users with instant access to their job applications' progress and status changes.
- Deployed the application on Vercel, leveraging its serverless architecture to ensure fast, scalable, and

cost-effective hosting.
- Maintained code integrity and streamlined development through version control using Git, supporting open-source contributions and collaboration.

Relevant Experience

Walmart Remote
Software Engineering Intern   June 2024 – August 2024
- Developed an interactive Dash application for data visualization and analysis of sales and profitability metrics, leveraging Python and Dash frameworks to enhance business intelligence.
- Implemented a comprehensive test suite and automated it with bash scripting, optimizing testing workflows and increasing test coverage.
- Designed and deployed an intuitive user interface using modern front-end technologies, improving usability and boosting user engagement with the application.

Certifications

- **Python Programming by Microsoft**   November 2023
- **Test Automation Engineer by UI Path**   September 2024