PAVAN KUMAR GADAM

Software Engineer

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Portfolio: Pavan Gadam

SUMMARY

Software Engineer with 2 years of experience in backend and full-stack development using Django, Angular, Python, and SQL. Proven ability to collaborate within cross-functional, hybrid and on-site teams, deliver scalable REST APIs, and build high-performance, user-friendly web applications. Experienced in agile sprints, direct stakeholder discussions, and resolving in-house product issues with hands-on debugging.

WORK EXPERIENCE

Software Engineer
Millenium Intech Private Limited, Chennai
September 2023 – Present

Key Contributions:

- Developed and maintained RESTful APIs for a full-stack recipe web app using Django REST Framework and Angular, integrating 15+ core features in a hybrid and on-site collaboration environment.
- Optimized database models and queries, improving performance by 30% and data retrieval speed by 25%.
- Implemented JWT authentication and role-based access, reducing unauthorized access by 90%.
- Optimized API response times by 40% using SQL tuning and Redis caching, and resolved 95% of bugs via async collaboration, boosting user satisfaction by 20%.
- Deployed asynchronous tasks using Celery for notifications, reporting and managing logs.

TECHNICAL SKILLS

- **Programming Languages:** Python, JavaScript
- **Frontend Technologies:** HTML, CSS, Angular
- **Backend Frameworks:** Django, Django REST Framework (DRF)
- **Databases & Tools:** MySQL, SQL, Redis, Celery
- **Cloud:** AWS (Basic knowledge – EC2, S3, Lambda)
- **Machine Learning**(Basics): NumPy, Pandas
- **Version Control:** Git, GitHub

EDUCATION

Bachelor of Technology in Computer Science and Engineering **August 2019 – July 2023**
Sreyas institute of engineering and technology, Hyderabad

Board of Intermediate Education **June 2017 – April 2019**
Abhyaas Junior College, Hyderabad

PERSONAL PROJECTS

Hardware Hub - Wen Development

- Collaborated within a 4-member team in a distributed setup, enhancing a PC customization platform with improved UI and dynamic interactivity.
- Integrated backend functionalities including user authentication, product listings, and payment processing using Python, increasing transaction efficiency and streamlining user operations.

Heart Disease Identification – Machine Learning

- Built a machine learning model using Python, Pandas, NumPy, and Scikit-learn for predicting heart disease.
- Analyzed 10,000+ patient records and applied feature selection techniques, achieving 85% accuracy after tuning.

CERTIFICATIONS

- Achieved Python for Data Science – IBM Cognitive Class (remote) [Link]
- Acquired SQL Course – Hacker Rank [Link] (online)
- Earned Django for Web Development – Great Learning (online)