Abhinav G

Python Full Stack Developer

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EXPERIENCE

Alackrity Consols Pvt. Ltd, Bangalore

Junior Software Engineer   *07.2024 – Present*

- Collaborated with a cross-functional team of developers to build and deploy scalable Python-based web applications using Django and REST APIs.
- Designed, optimized, and maintained complex relational database schemas in MySQL, implementing efficient query optimization strategies to handle large-scale transactional data with high accuracy, integrity, and performance across multiple interconnected modules.

SKILLS

Technical

- Programming- Python, Java, JavaScript
- Backend- Django, Django REST Framework, FastAPI
- Frond end- REACT, HTML, CSS, Bootstrap, TailwindCSS
- Database Management- MySQL Sqlite3
- DevOps & Version Control- Docker, Git, GitHub, BitBucket
- Others- AWS, Pandas, BeautifulSoup, Selenium

PROJECTS

- **D-Care Milk Procurement Website**   *Django, REST API, MySQL*
  - Designed and implemented a milk procurement system that streamlined farmer onboarding, milk collection monitoring, and real-time inventory management.
  - Designed optimized MySQL schemas and APIs for handling large-scale transactional data with real-time quality and route-wise tracking.
  - Improved operational transparency and eliminated manual coordination by automating the entire supply chain workflow.
- **Prepaid auto booking**   *Django, MySQL, Bootstrap*
  - Developed a digital prepaid auto booking and fare management platform for Bangalore Metro Rail Corporation Ltd (BMRCL) to automate passenger ride scheduling.
  - Built dynamic dashboards using Django templates and AJAX for live booking insights, vehicle allocation, and transaction analytics.
  - Enhanced system efficiency and commuter convenience by reducing manual overhead and ensuring real-time monitoring across metro stations.
- **OpsChain Supply chain management System**   *FastAPI, React*
  - Built a full-stack supply chain management platform with JWT-based authentication and seamless communication between FastAPI backend and React frontend.
  - Developed and optimized RESTful APIs for real-time inventory tracking, supplier management, and order processing across multiple warehouses.
  - Designed a React dashboard for monitoring logistics data, visualizing stock levels, and generating performance insights.

EDUCATION

- ***B Tech in CSE*** | Government Engineering College, Thrissur   **CGPA:** 7.75 | *07.2019-10.2023*
  Field of study: Computer science, Core Java, Data Structure, Database Management
- ***Higher Secondary Education*** | GVHSS Payyoli   **Percentage:** 97.4 | *06.2017-03.2019*
  Field of study: Computer science

CERTIFICATIONS

- **Python web development expert** (National Council for Technology and Training) 🔗
  Focused on developing dynamic web applications using Python and Django and frond end in REACT
- **Programming Content Writer** (Internship Certificate) 🔗
  Authored clear and engaging technical content on Python fundamentals and programming concepts for beginners.