B. MAHENDHER

PYTHON FULL STACK DEVELOPER | BACKEND & AI/ML ENGINEER

Hyderabad, Telangana, India | +91 6305165869 | mahibanavath979@gmail.com | linkedin.com/in/b-mahendher
github.com/Mahendher979Python | mahendher-portfolio.vercel.app

PROFESSIONAL SUMMARY

Python Full Stack Developer with hands-on experience in building scalable web applications, backend services, and REST APIs using Python, Django, FastAPI, and PostgreSQL. Experienced in developing microservices, integrating AI/ML capabilities, designing database solutions, and building responsive applications. Skilled in API integration, authentication, Docker, and collaborative software development, with practical exposure to enterprise application development.

TECHNICAL SKILLS

Programming Languages:	Python, JavaScript (ES6+), SQL
Backend & REST APIs:	Django, Django REST Framework, FastAPI, Flask, REST APIs, Pydantic, JWT, RBAC
Frontend Development:	HTML5, CSS3, Bootstrap 5, Responsive Web Design
Databases & Caching:	PostgreSQL, MySQL, SQLite, MongoDB, Redis
AI, ML & Data Processing:	NumPy, Pandas, Scikit-learn, Machine Learning, Predictive Analytics, Data Preprocessing, NLP
Cloud & DevOps:	Linux, Git, GitHub, Docker, Docker Compose, AWS EC2
Messaging & Analytics:	Apache Kafka, ClickHouse, Event-Driven Architecture
Testing & Dev Tools:	Pytest, Postman, Swagger / OpenAPI, VS Code, PyCharm, Jupyter Notebook
Software Engineering:	Microservices Architecture, API Integration, Authentication, Authorization, Debugging

PROFESSIONAL EXPERIENCE

Speshway Solutions Pvt. Ltd.
Hyderabad, India | Jul 2024 – Present

Python Full Stack Developer | Team Lead | Trainer

- Developed scalable web applications and backend services using Python, Django, and FastAPI.
- Led development activities and coordinated technical delivery across 3 KT projects.
- Trained and mentored 50+ employees in Python Full Stack development.
- Built REST APIs, integrated AI/ML capabilities, and optimized database operations.
- Conducted code reviews, coordinated Git workflows, and supported team development.

Freelance
Remote | Sep 2023 – May 2024

Freelance

- Developed custom websites and business applications using Python, Django, Flask, and JavaScript.
- Implemented responsive interfaces, database integration, and end-to-end application workflows.

Statue of Equality
Hyderabad, India | Apr 2022 – Jul 2023

IT Support Executive | System Operator

- Managed IT support, system configuration, and enterprise workstation maintenance.
- Troubleshot hardware, software, network, and connectivity issues.

ACADEMIC INTERNSHIP

Cognizant Technology Solutions Hyderabad, India | Jan 2025 – Apr 2025

MBA Academic Intern – Database Management Systems (DBMS)

Academic internship undertaken as part of MBA project, not a regular full-time employment position.

- Completed an MBA academic internship focused on Database Management Systems.
- Worked on SQL queries, database normalization, and data validation.

SELECTED PROJECTS

EAICSP – Enterprise AI & Supply Chain Platform FastAPI Microservices

Tech Stack: Python, FastAPI, Microservices, NLP, Machine Learning, PostgreSQL, Redis, Kafka, Docker, JWT, WebSockets, Pytest

- Developed FastAPI-based API Gateway and backend microservices.
- Implemented Supplier Risk NLP services and AI-driven risk scoring workflows.
- Integrated JWT authentication, RBAC, and service-to-service security.
- Worked on Kafka event processing, Redis caching, and real-time WebSocket integration.
- Developed automated tests using Pytest.

Learning Management System (LMS) Full Stack Web Application

Tech Stack: Python, Django, MySQL, JavaScript, Bootstrap

- Developed role-based dashboards for students, trainers, and administrators.
- Implemented attendance, assignments, course management, and database workflows.

OneBuild – Construction E-Commerce Platform E-Commerce Web Application

Tech Stack: Python, Django, MySQL, JavaScript, Bootstrap

- Developed construction material catalogs with product search and filtering.
- Implemented checkout workflows, payment interfaces, and WhatsApp integration.

Textile Industry ERP Enterprise Web Application

Tech Stack: Python, Django, MySQL, JavaScript, Bootstrap

- Designed ERP modules for inventory, purchasing, sales, billing, and order processing.
- Developed backend workflows, database schemas, and management dashboards.

AI Offline Management LMS AI-Integrated Web Application

Tech Stack: Python, Django, FastAPI, SQLite, JavaScript

- Developed offline-capable learning workflows with student and trainer dashboards.
- Implemented course management, local database storage, and AI-assisted query functionality.

EDUCATION

Master of Business Administration (MBA – Systems) 2025 | CGPA: 7.18 / 10 (Second Division)

Osmania University

CERTIFICATIONS & TRAINING

Python Full Stack Developer Training Completed

Josh Innovations Institute – Ameerpet, Hyderabad

Post Graduate Diploma in Computer Applications (PGDCA) Completed

Advance Maintenance Information Technology Institute – Nirmal, Telangana

Foundational Training in DBMS & Operating Systems Completed

Cognizant Technology Solutions – Hyderabad, Telangana

LANGUAGES

English • Telugu • Hindi