

AMAN KONNUR

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EXPERIENCE

Python Developer

Spurzee Technologies - Internship/Freelancing

August 2024 - May 2025

Bengaluru, Karnataka

- Developed **10+ automated scripts** for detecting chart patterns like double tops, head and shoulders.
- Built an **automated email system** to send real-time alerts when trading patterns appeared.
- Created and deployed **Flask applications** with **REST APIs**, hosted on **cloud platforms** for scalability.
- Applied strong skills in **data cleaning, preprocessing, and visualization** using Pandas, NumPy, and Plotly.
- Used **Git & GitHub** for version control and collaboration, along with **basic CI/CD pipelines**.
- Worked with **SQL and APIs** to design ETL pipelines and integrate external datasets.
- Implemented **logging, monitoring, and task scheduling** with Cron and Airflow.

PROJECTS

Enterprise IT Service & Project Management Platform

- Built a Service & Project Management Platform (**ServiceNow + Azure DevOps inspired**) using **FastAPI**, implementing **REST APIs**, ticket lifecycle management, and GitHub/Azure API integrations.
- Secured the system with **OAuth2/JWT** authentication and RBAC for administrators, project managers, developers, and clients.
- Designed a hybrid data layer with **PostgreSQL** for relational data and **MongoDB** for logs, activity feeds, and comments.
- Automated **CI/CD** pipelines using Azure DevOps, containerized with **Docker**, and deployed on **AWS ECS/EKS** (Kubernetes) for scalability and resilience.

Bug Tracker Web App using Django. [\[GitHub Link\]](#)

- Built a full-stack **bug tracking system** in **Django** to log issues, assign tasks, and track progress.
- Implemented **RBAC** for testers, developers, and admins to streamline workflow and task management.
- Designed responsive UIs using **Bootstrap, HTML5, and CSS3** for better **UX**.
- Applied **Django MVT** with modular apps (**defects, userapp, templates, media**) for scalability.

TECHNICAL SKILLS

Languages: Python, SQL, HTML, JavaScript (Basic – DOM, Event Handling)

Libraries: Pandas, NumPy, Scikit-Learn, Matplotlib

Frameworks: Django, Flask, FastAPI

Databases: MySQL, MongoDB

CS Concepts: Object-Oriented Programming, Data Structures & Algorithms (Basics), Machine Learning

Tools & Platforms: Excel, PyCharm, Git, GitHub, Azure DevOps, GitHub Actions(CI/CD)

Deployment: AWS, Docker, Heroku, Nginx, PythonAnywhere

Testing: Pytest, Unittest

EDUCATION

Bachelor's in AIML, Alva's Institute of Engineering and Technology, Moodabidri.

2020 - 2024

CERTIFICATES

- IBM Data Science. [\[Certificate Link\]](#)