

AYAJ AHAMAD

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Career Objective

A motivated software developer specializing in Python (Flask, FastAPI, Django) and databases (MySQL, PostgreSQL, MSSQL). Proficient in backend development, database optimization, and API integration, with a strong focus on delivering efficient, scalable, and innovative technical solutions.

Work Experience

Agile Health Technologies India Pvt. Ltd.

Software Developer Intern

August 2024 – December 2024

Software Developer (Full-Time)

December 2024 – Present

- Optimized SQL queries and PostgreSQL functions for better performance and accuracy.
- Developed ETL pipelines for seamless data transfer between SQL and PostgreSQL databases using Python.
- Resolved database-related tickets, ensuring high availability and responsiveness.
- Monitored and optimized scheduled jobs, improving system efficiency.
- Contributed to financial and KPI dashboards to enhance data-driven decision-making in healthcare.
- Collaborated with senior developers to gain expertise in the healthcare domain.

Total Experience: 6 months (Internship + Full-Time)

Education

Bachelor of Engineering in Computer Science and Engineering

Anjuman Institute of Technology and Management

Year of Completion: 2023

CGPA: 7.1

Skills

Technical Skills:

- **Programming Languages:** Python, JavaScript, HTML, CSS
- **Frameworks:** Flask, FastAPI, Django, React
- **Databases:** MySQL, PostgreSQL, MSSQL
- **Development Tools:** Git, Swagger, Postman, SQLAlchemy (ORM)
- **Other Tools:** VS Code, PyCharm, DBEaver, pgAdmin, Power BI (Basic)
- **API Development:** RESTful APIs, Integration, and Testing

Soft Skills:

- Problem-Solving, Communication, Team Collaboration

Projects

1. Sencio (Professional Project – Ongoing)

Technologies Used: Python, PostgreSQL, MySQL, React

Description:

- Developed financial metrics such as Amount Expected, Amount Denied, and Amount Paid.
- Built aging reports to track transaction delays and improve payment collection.
- Enhanced management dashboards with insights like employee hours and interaction times.
- Integrated data visualization elements (charts, tables) for actionable insights.

2. Automatic Attendance Management System (College Project)

Technologies Used: Python, Deep Learning, Machine Learning, React

Description:

- Designed a system to automatically detect and update student attendance using facial recognition.
- Implemented a dashboard for faculty to monitor attendance and generate reports.

3. Employee Management System (Personal Project)

Technologies Used: Python (FastAPI), HTML, CSS, JavaScript

Description:

- Built a web application to manage job seeker profiles and enable resume uploads.
- Implemented secure authentication and CRUD operations for profiles.
- Allowed hiring managers to download resumes and manage user data efficiently.

4. API Development (Personal Projects)

Technologies Used: Flask, Django, FastAPI

- Developed RESTful APIs integrated with Swagger for documentation and tested using Postman.

Certifications

- Python Full-Stack Development Certificate – Be Practical Tech Solutions

Languages

- English, Kannada, Hindi, Urdu