

# VAMSHI POLISHETTI

📞 9000859695 | [in linkedin.com/in/polishettivamshi](https://www.linkedin.com/in/polishettivamshi) | ✉ [polishettivamshi123@gmail.com](mailto:polishettivamshi123@gmail.com) | 📍 Hyderabad, India

2+ Years Experience | 150+ JIRA Issues Resolved | 3+ Major Projects Delivered | 97% Client Satisfaction

## Summary

**Software Engineer** with 2+ years of experience in backend development using the **Python Stack (FastAPI, Flask)**. Expert in architecting scalable RESTful APIs, optimizing high-traffic database performance via **Connection Pooling**, and deploying robust cloud infrastructure on **AWS**. Specialized in asynchronous logging, secure configuration management, and messaging systems like **RabbitMQ**.

## Technical Skills

- **Python Stack:** FastAPI, Flask, Django, SQLAlchemy ORM, Alembic, Pydantic, Connection Pooling, Async Logging.
- **Database & Search:** PostgreSQL, SQL Server, MySQL, Elasticsearch, SQL Optimization, Stored Procedures.
- **Messaging & Security:** AES Encryption, RabbitMQ, JWT, API-Key Auth, Secure Configuration (.env).
- **Cloud & DevOps:** AWS (EC2, S3, EventBridge, Lambda, RDS, CloudWatch), Docker, Git, GitHub, XAMPP.
- **Languages:** Python (Primary), SQL (Advanced), JavaScript (Intermediate), HTML5/CSS3 (Intermediate).
- **Tools:** Postman, Swagger/OpenAPI, SSMS, DBeaver, VS Code, PyCharm, JIRA (Agile/Scrum).

## Experience

### Overt Ideas and Solutions

Mar 2026 – Present

#### Software Developer

Hyderabad, India

- Designing and developing backend systems and production-ready REST APIs using **Python and FastAPI**.
- Implementing **AES encryption and decryption** for secure data handling and managing database migrations using **MySQL and Alembic**.
- Collaborating on version control using Git and GitHub while managing local development and testing using **XAMPP**.

### CStoreiQ

Feb 2024 – Mar 2026

#### Junior Software Engineer

Hyderabad, India

- Developed and maintained scalable backend services using **Python, FastAPI, and Flask**, supporting high-performance production applications.
- Successfully delivered **three major API projects** for the CStoreiQ back-office platform and live data integrations.
- Designed and managed **SQLAlchemy ORM models** with SQL Server and PostgreSQL, implementing **Database Connection Pooling**.
- Resolved **150+ JIRA issues**, covering critical bugs, performance optimizations, and feature enhancements.
- Implemented asynchronous workflows using **RabbitMQ** and built **Async Logging Systems** for non-blocking application monitoring.
- Integrated **Elasticsearch** and managed cloud infrastructure via **AWS (EC2, S3, Lambda, RDS)** using CloudWatch.

## Projects

### Fully Automated Data Synchronization Service | Python, FastAPI, AWS

Oct 2025 – Nov 2025

- Built a zero-touch automation service using **FastAPI** and **Boto3** to synchronize data between AWS S3 and external APIs with **97% success rate**.

### SQL Server to PostgreSQL Data Migration | Python, SQL Server, PostgreSQL

Jun 2025 – Jul 2025

- Developed a high-performance **asynchronous data migration pipeline** to transfer data from SQL Server to PostgreSQL via structured JSON.

### COVID-19 Detection via Chest X-Rays | Python, ResNet-50

2022

- Built a deep learning-based web application achieving **95% accuracy** with inference time under 5 seconds.

## Education

### Telangana University

Sept 2022

Master of Computer Applications (MCA) | **GPA: 8.87 / 10.0**

Nizamabad, India

## Certifications & Best Practices

**HackerRank:** SQL (Advanced), Rest API (Intermediate), Python Certification.

**Cloud & Other:** AWS for Beginners (Great Learning), Java Development Internship (Code Clause).

**Best Practices:** Scalable Architecture, Secure Configuration Management, Performance Optimization, Advanced Debugging.