

MANOJ P M

Shivamogga, Karnataka

+91-9113653069 | manojpoojari1511@gmail.com | LinkedIn | GitHub | Portfolio

SUMMARY

Entry-level Backend Engineer passionate about AI/ML integration and cloud-native backend systems. Skilled in **Python, Java, REST APIs, SQL/NoSQL databases, and ETL pipelines**. Experienced in designing scalable backend architectures, integrating ML models into production systems, and deploying cloud solutions. Quick learner with strong problem-solving skills, eager to contribute to high-impact backend engineering projects at Fox Tech.

EDUCATION

Alva's Institute of Engineering and Technology, Mijar, Moodbidri
B.E - Computer Science and Engineering (CGPA: 8.3)

2021 – 2025
Dakshina Kannada, Karnataka

EXPERIENCE

Sash Info Services Pvt Ltd

Software Developer (AI & Data Engineering Intern)

Mar 2025 – Jun 2025

Bengaluru, Karnataka

- Developed and optimized **ETL pipelines** for AI/ML datasets, reducing preprocessing time by 25%.
- Built backend services in **Python** to process, validate, and transform large datasets.
- Collaborated with AI teams to integrate ML models into production pipelines.
- Created monitoring dashboards using **Streamlit and Power BI** for backend and data performance.
- Worked on SQL and NoSQL database design, query optimization, and data integrity checks.

MicroDegree

Python Full Stack Developer Intern

Sep 2024 – Dec 2024

Mangaluru, Karnataka

- Designed and integrated **RESTful APIs** for backend applications using Django and MySQL.
- Implemented cloud-ready backend features, ensuring scalability and performance.
- Collaborated with frontend and data teams to deliver end-to-end solutions.
- Automated data validation, reporting, and analytics workflows for production-ready applications.

PROJECTS

Smart Recruitment: AI Resume Screening (Python, Django, NLP)

May 2025

- Developed predictive **ML models** using SpaCy, TF-IDF, and KNN with 90% accuracy.
- Integrated ML model predictions into backend pipelines and exposed APIs for recruiters.

TerrorViz – Global Terrorism Visualizer (Streamlit, Pandas, Power BI)

Jan 2024

- Designed and developed backend services to process 180k+ terrorism data rows efficiently.
- Built interactive dashboards and API endpoints for visualization and analytics.

E-Gram Panchayat Service App (Java, MySQL)

Feb 2023

- Developed Android app backend in **Java** integrated with MySQL database.
- Implemented reporting modules and ensured backend reliability for citizen service requests.

TECHNICAL SKILLS

Programming: Python, Java, GoLang (basic), JavaScript (Node.js)

Backend: REST APIs, ETL pipelines, database design, CI/CD pipelines

Databases: MySQL, PostgreSQL, MongoDB, SQLite

Cloud & Tools: AWS (S3, Lambda, Redshift), Azure (basic), Docker, Git/GitHub, Postman

Analytics & Visualization: Power BI, Streamlit, Plotly, Folium

Other: ML/AI integration, Predictive Modeling, Agile/Scrum

CERTIFICATIONS

- Salesforce Administrator (Smart Internz)
- Apex Specialist, Developer Super Set (Salesforce Superbadges)
- Postman API Fundamentals Student Expert
- UiPath Automation Explorer Training
- AI Text Summarizer App (Postman)

EXTRACURRICULAR

- Author of the book **“Whispers of Shadows”**
- Team Lead, Code Guardian – Technical Skill Development Program (AIET, 2022–2025)
- Coding projects, data annotation, analytics practice