

JOBIN JOSE

Python Fullstack Engineer(AI/ML)

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[GitHub](#) | [Linkedin](#) | [Portfolio](#)

ABOUT ME

Result-driven Python Full Stack Engineer (AI/ML) with hands-on experience in developing scalable web applications, ERP systems, and AI-powered solutions. Proficient in Python, Django, Flask, FastAPI, REST APIs, HTML, CSS, and JavaScript, with strong expertise in end-to-end full-stack development. Experienced in RAG systems, LangChain, LangGraph, and vector databases, integrating AI/ML models for real-time insights and intelligent automation. Passionate about solving complex problems, designing efficient solutions, and delivering high-quality, user-focused applications aligned with business objectives.

TECHNICAL SKILLS

Programming Languages: Python, HTML, CSS, JavaScript, SQL

Front-End / UI Libraries: Bootstrap, Tailwind, jQuery, React.js

Back-End / Web Frameworks: Django, Flask, FastAPI

Data Science / AI / ML Libraries: Pandas, NumPy, Scikit-learn, Matplotlib

AI / ML & RAG Tools: LangChain, LangGraph, RAG

Databases: MySQL, SQLite, ChromaDB (Vector Database)

Tools / Platforms: Git, GitHub, Docker, cPanel

PROFESSIONAL EXPERIENCE

Software Engineer

September 2024 -Present

Popular Motor Corporation -Kochi

- Designed and implemented advanced AI chatbots using RAG, LangChain, LangGraph, and vector databases, with integrated memory components and tool integrations for personalized and context-aware responses.
- Developed and deployed ERP software for the automotive industry, including modules for inventory, billing, HR, and user management.
- Built responsive and SEO-friendly websites using Django, Flask, and React.js, integrating REST APIs and secure backend logic.
- Developed RESTful and FastAPI-based microservices for scalable backend operations and API-driven architecture.
- Contributed to end-to-end full stack development, from UI/UX design to database optimization, API deployment.
- Designed and developed the front-end UI from scratch for multiple client websites, including Popit Solution, Popular Triumph, and Popular Hyundai, ensuring responsive design, clean layout, and seamless user experience.

Junior Software Developer

January 2024 – July 2024

InspireZest Technologies Pvt. Ltd

- Developed and deployed full-stack websites and web applications, handling both front-end and back-end development using Python (Django/Flask), HTML, CSS, and JavaScript.
- Designed intuitive UI/UX interfaces from scratch, ensuring responsive layouts, smooth navigation, and cross-browser compatibility.
- Built and integrated REST APIs, optimized database queries, and implemented secure authentication and authorization for scalable web solutions.

Python full Stack Developer

August 2023 – December 2023

Deltaverse Solutions

- Built and deployed full-stack web applications with user-friendly, responsive designs using Python (Django/Flask), HTML, CSS, and JavaScript..

INTERNSHIP

Python Full Stack Intern

01/07/2023-30/09/2023

Inmakes Infotech Pvt. Ltd.

EDUCATION

Master of Computer Application – IGNOU (2023-2025)

Bachelor of Computer Application – University of Kerala (2020-2023)

Higher Secondary Education: St Antony's Higher Secondary

School, kanjiracode (2018-2020) , Kerala board of higher secondary examination.

ACHIEVEMENTS

Developed a Python library **pyvalidx** for validating Indian identifiers such as PAN, Aadhaar, GSTIN, and IFSC codes.

Published and maintained on PyPI: <https://pypi.org/project/pyvalidx/0.1.1/>

CERTIFICATIONS

Introduction to Artificial Intelligence (AI) Offered by IBM

[View certificate](#)

LANGUAGES

English | Hindi | Malayalam | Tamil

DECLARATION

I hereby declare that the details and information given above are complete and true to the best of my knowledge