

# 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**  
**InspireZest Technologies Pvt. Ltd**

January 2024 – July 2024

- 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**  
**Deltaverse Solutions**

August 2023 – December 2023

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

## INTERNSHIP

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**Python Full Stack Intern**  
**Inmakes Infotech Pvt. Ltd.**

01/07/2023-30/09/2023

## EDUCATION

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**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

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

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

## CERTIFICATIONS

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Introduction to Artificial Intelligence (AI) Offered by IBM

[View certificate](#)

## LANGUAGES

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English | Hindi | Malayalam | Tamil

## DECLARATION

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