

# JOBIN JOSE

Software Engineer

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Location: Kottayam, Kerala(India)

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## Professional Summary

Results-driven software engineer with a strong foundation in Full-Stack Development, AI, and Machine Learning, consistently delivering performance that exceeds expectations across diverse roles and projects. Skilled in building AI-driven applications, NLP models, and cross-platform mobile apps, with a proven track record of high-quality, impactful solutions. Recognized as a self-learner and diligent team player, committed to continuous improvement and making valuable contributions to every team.

## Skills

- **Languages:** Python, Java, Dart, Javascript, HTML, CSS
- **Frameworks:** FastAPI, Spring Boot, Flutter, Angular.
- **Databases:** Postgres, MongoDB, MySql.
- **API & Data Query :** GraphQL(Ariadne), Pydantic (Data validation & Serialization)
- **AI & ML:** Deep learning, GenAI, NLP, LLM's, Retrieval-Augmented Generation(RAG), RASA.
- **Code Quality:** SonarQube.
- **CI/CD Tools:** Bamboo.
- **Version Control System:** Git, Github, Bitbucket.
- **Cloud Services:** AWS Lambda, AWS SQS, AWS S3, Firebase.
- **Project Management:** Jira, Agile Methodologies.

## Experience

- **Software Engineer**

*NeST Digital, Ernakulam, Kerala*

*August 2022 - Present*

- **Filing Enrichment:** Played a key role in a Python-based project called “Filing Enrichment”, leveraging a microservices architecture with multiple AWS Lambda functions orchestrated via Amazon SQS for scalable, event-driven data processing. Utilized AWS S3 for secure data storage and PostgreSQL for efficient data organization. Built RESTful APIs and GraphQL endpoints using FastAPI and Ariadne, enabling seamless and efficient data querying. The project processed and organized statistical filing data, providing customers with centralized access to filings, forms, rules, loss-cost data, panels, and circulars while eliminating complex data interconnectivity. Integrating statistical reporting principles enhanced compliance and regulatory review processes, significantly improving data accessibility and supporting data-driven decision-making.
- **AI Email Automation:** Developed a GenAI-powered email automation system using LLMs and Retrieval-Augmented Generation (RAG) for a logistics client. This system enabled real-time, context-aware responses by referencing company policy documents and databases, significantly enhancing customer satisfaction.
- **Chatbot Development:** Designed and implemented an AI-driven chatbot using NLP, GenAI, and Conversational AI techniques, which boosted user engagement and automated operations.
- **Model Development:** Spearheaded NLP model creation with SimpleTransformers and FNN, supporting various classification tasks in internal applications.
- **Java Development:** Contributed to full-stack Java projects using Spring and Angular, closely collaborating with cross-functional teams to ensure product quality.
- **Code Quality:** Ensured code clarity and maintainability, following industry standards with comprehensive testing and debugging.

- **Mobile App Developer**

*Acnove IT Solutions, Ernakulam, Kerala*

*November 2020 - February 2021*

- **Mobile App Development:** Collaborated on developing robust mobile apps using Flutter, optimizing app performance across various devices.
- **API Integration:** Integrated backend APIs to ensure seamless data flow, resulting in a smooth user experience.
- **UI/UX Design:** Created intuitive interfaces, focusing on user-centric principles, and enhancing application accessibility and usability.

## Education

- **Bachelor of Technology(B.Tech), Computer Science & Engineering**  
Manglam College of Engineering, Kerala  
2018 - 2022

## Publications

- [IoT-Based Smart Meter for Real-Time Electricity Load Analysis and Automation](#)

## Testimonials

“Jobin's performance was excellent during his internship with Acnove. He is a self-learner and extremely hard-working. I believe he will be a good addition to any team.”

— *Prabhul Sankar, Fractional CTO at Acnove*

## Contact Links

**Portfolio:** [jobinjose.in](http://jobinjose.in)

**LinkedIn :** [linkedin.com/in/jobinjosein/](https://linkedin.com/in/jobinjosein/)

