Abel **Thomas**

Software Engineer

Kerala, South India, India

(+91) 8848869025 | ✉ abelhevero@gmail.com | 🏠 abel-tom.vercel.app/ | Abel-Tom

Work Experience

Tech Lead
Oct. 2021 - March 2024

TeamWave. Inc (Start-up company)
Remote, India

At TeamWave I built work management apps used by small businesses around the world. My work involves building REST APIs using Django or Flask and frontend user interfaces using AngularJS.

Work AI

- Work AI is a customizable frontend for Gen AI chatbots with additional features.
- Integrated multiple Gen AI APIs for text and image generation. Users can switch between different LLMs.
- Using LangChain created AI Agents that can perform automated tasks within TeamWave web apps.
- Implemented RAG functionality and chat templates using LangChain.
- Created Chat Backup and Sharing for improved user experience and collaboration.

TeamWave CRM

- Proficiently utilised Angular 17 for standalone component development.
- Implemented NgRx for effective state management within the application.
- Leveraged Nx mono repo for modular code organisation and management.
- Integrated PrimeNG and AG Grid as major UI library to achieve polished and responsive user interfaces.

TeamWave E-SIGNATURE

- E-Signature app lets the user electronically sign documents.
- Utilised Django to build the backend microservice. Created various Django models and REST APIs.
- Incorporated PyPDF2 python library to create utility functions to edit, extract text and add signature to the pdf file.
- Employed Celery to create asynchronous tasks to send notifications, files and reminders.

ADDITIONAL CONTRIBUTIONS

- Created REST APIs for TeamWave Forms app using FastAPI.
- Revamped the TeamWave CRM Gmail Addon.

Skills

Programming	Python, JavaScript, TypeScript, C#, C/C++,
Web Technologies	Django, FastAPI, Flask, Celery, RabbitMQ, AngularJS, RxJS, Nx
Databases/Cache	PostgreSQL, MongoDB, Redis
Gen AI Libraries	LangChain, TensorFlow, PyTorch, Numpy, ChromaDB
Tools	GitHub, Docker, ChatGPT, LangChain

Education

APJ Abdul Kalam Technological University
Kerala, India

Bacherlor of Techonology in Electronics and Communication Engineering
Aug. 2017 - May 2021