# Abel **Thomas**

**Full Stack Developer**

*Kerala, South India, India*

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## Work Experience

### Tech Lead
**Oct. 2021 - March 2024**

TEAMWAVE. INC (START-UP COMPANY)
**Remote, India**

### Project - TeamWave User Management Console

- User Management Console allows the super admin to manage user permissions across all TeamWave web apps.
- Using Django Rest Framework created REST APIs with permission handling and authentication to serve data to the frontend according to the current user permissions.
- Effectively utilised Django Middleware to track user activities across all TeamWave web apps.
- Utilised Angular 17 to create the frontend with rich user interface complete with line and pie charts to provide a birds eye view of user activities and permissions.
- Implemented state management within the application using NgRx.

### Project - 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.

### Project - 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

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|---|---|
| **Programming** | Python, JavaScript, TypeScript, C#, C/C++, |
| **Web Technologies** | Django, FastAPI, Flask, Celery, RabbitMQ, AngularJS, RxJS, Nx |
| **Databases/Cache** | PostgreSQL, MongoDB, Redis |
| **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**