

- KARTHICK H -

SENIOR SOFTWARE ENGINEER

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A Software developer with 5+ years of experience in the full software development cycle from concept through delivery of next generation tools and custom solutions. Expert in creating innovative solutions with advanced development methodologies.

PROFESSIONAL EXPERIENCE

Innoboon Technologies , Coimbatore • Senior Engineer

06/2021 – Present

- ▶ **Diligence GPT:** Led the development of a Due Diligence application, which takes the Confidential Information Memorandum, balance sheet, P&L statements, etc., of a company and carries out due diligence and provides a report regarding the health of the company. Built APIs to generate benchmarks (Financial & Functional), Trend analysis and Anomaly detection. Customised the functionalities as per the clients requirement.
- ▶ **CAIP:** Conversational AI Platform was designed and developed in such a way that we have custom chatbot which has the option to choose between different LLMs. Designed and developed APIs to generate knowledge graph, worked with websocket connections to establish seamless bot conversation, Integrated Redis for in-memory storage.
- ▶ **DMP:** Played a lead role in the API development of multi-tenant Fintech Application which manages the deduction invoices. Worked closely with the client to understand the requirements and build the application from scratch which includes the database design and ETL pipelines. Worked with cross-functional teams to seamlessly integrate the APIs and enhance user experience.
- ▶ **Technologies:** Proficient in Python, FastAPI, PostgreSQL, MySQL, WebSocket, Redis.

Bevywise Networks, Tirunelveli • Engineer

03/2020 - 06/2022

- ▶ **Manufacturing and Execution System:** Led the development of a build an integrated & connected manufacturing operations management environment to monitor & manage all the work in progress (WIP) in the production line.
- ▶ **MQTT Platform:** A server side platform that enable solution providers to deploy IOT/IIOT solution for any Commercial/Industrial use case.
- ▶ **Technologies:** Proficient in Python, Django, MySQL, Elasticsearch, JQuery, JavaScript.

- ▶ **Quiz:** Centralized application for the conducting any technical and interview quiz with different custom options.
- ▶ **Database Migrations:** Build a python script to process the data migrations from the legacy system to advanced system.
- ▶ **Technologies:** Proficient in Python, Django, MySQL, MongoDB.

SKILLS

- ▶ Programming Languages: Python
- ▶ Client-side Technologies: JQuery, JavaScript, HTML, CSS, Knowledge of Angular
- ▶ Server-side Technologies: FastAPI, Django, flask
- ▶ Database Management: PostgreSQL, MySQL, MongoDB, Elastic Search
- ▶ Version Control: GIT, Github, Bitbucket
- ▶ Operating Systems: Linux

EDUCATION

Bachelor of Computer Science and Engineering • Einstein College of Engineering, Tirunelveli.
Graduation Year (2018)