

Akash Immanuel

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EXPERIENCE

iorta Technology Solutions.....

Software Engineer - Full-time

Nov 2022 - present

Dot - Enhancing Insurance Workflows with GenAI

- Developed GenAI chatbot on WhatsApp, automating insurance processes (lead creation, onboarding, doc collection) using OpenAI, LangChain, langgraph, FastApi and mongodb for data storage.
- Built real-time React.js dashboard to monitor key metrics and empower data-driven decision-making, significantly improving insurance sector efficiency

Salesdrive - ETLI Lead Management Platform

- Developed and deployed a comprehensive lead management platform for the insurance sector. Utilized Node.js, React.js, MongoDB, and React Native to streamline lead creation, assignment, mobile data collection, and processing (including PAN verification, QC, and agent training).

Renewal Vault - Insurance Policy Renewal Tracker

- Developed core features and integrated AWS services (Glue, DynamoDB) for data ingestion and management within "Renewal Vault," an automated policy management system designed to streamline renewals and proactively notify customers.
- Implemented AWS SQS and Step Functions for reliable bulk policy processing within "Renewal Vault," ensuring operational efficiency and accurate policy history tracking.

Colan Infotech Private Limited.....

Software Engineer - Full-time

Jun 2021 - Jul 2022

IMTF - AML platform

- contributing to a real-time AML platform (React.js, Java Spring Boot, PostgreSQL). Developed intuitive case management tools and interactive visualizations to aid investigators in identifying suspicious activity. Collaborated on back-end to integrate rule-based alerts and optimize data handling for rapid investigations.
- Implemented open search functionality (leveraging Google Search via Node.js) to gather crucial information for AML investigations.

Dhatya consulting Services Private limited.....

Full Stack Developer - Contract

Jan 2021 - Apr 2021

Porklogic.AI - Monitoring health of animals

- Real-Time Pig Health Data: I developed the Node.js backend for the Porklogic.AI dashboard, ensuring smooth data flow from sensors to the frontend.
- Interactive User Interface: Using React, I built the frontend of the dashboard, providing farmers and vets with an intuitive interface to monitor pig health in real time.

SUMMARY

Experienced full-stack software engineer specializing in React.js, Node.js, and AWS. Proven success in developing innovative GenAI and real-time dashboard solutions for insurance and animal health. Expertise in automating workflows, streamlining processes, and enhancing operational efficiency.

INTERNSHIP

Dhatya consulting Services pvt ltd

Full-Stack Developer Aug 2020 - Dec 2020

MAANTT Global Services Pvt Ltd

Full-Stack Developer Dec 2019 - May 2020

SKILLS

Programming Languages: Python, JavaScript, TypeScript

Frameworks and Libraries: Node.js, React.js, Redux, FastAPI, LangChain, LangGraph, React Native, Next.js

Databases: MongoDB, PostgreSQL

DevOps and Cloud: Docker, AWS (S3, Step Functions, DynamoDB, Lambda, EC2)

EDUCATION

DG Vaishnav

Msc. Information Technology

2018 - 2020

M.G.R University

Bachelor of Science - Computer Science

2015 - 2018

LANGUAGES

- Tamil
- English