

ALLEN YOHANNAN

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PROFESSIONAL EXPERIENCE

Engineer

Frappe

November 2024 - Present

Remote, Mumbai, India

- Leading the AWS - Bare Metal Migration for Frappe Cloud
- L2 Support for Frappe Cloud

Software Development Engineer

xAGI

April 2024 - Nov 2024

Remote, Bangalore, India

- Built a dynamic [AI Agent Platform](#) and an [AI Course Generation Platform](#)
- Spearheaded infrastructure for deploying multiple edge apps on various providers
- Built Multiple AI Web apps including an AI voice survey platform
- Developed AI agents for various clients from the ground up

Software Engineer

Plazza

May 2024 - Nov 2024

Remote, Bangalore, India

- Built the first version of Plazza's Quick Commerce system
- Designed and developed a Whatsapp Bot based medicine delivery system for the APR region
- Implemented infrastructure and backend solutions for Plazza
- Designed and developed various microservices using NestJS, RabbitMQ, and PostgreSQL
- Utilized AWS services including EC2, EKS, Amazon MQ, and RDS for robust and scalable cloud infrastructure

Founding Software Engineer - AI

EquivoxAI

May 2023 - Jan 2024

Remote, Melbourne, Australia

- Developed and implemented dataset parsing algorithms to be used as LoRA training data for LLMs such as Vicuna-13b and LLaMa-2-7b
- Implemented methods to streamline fine-tuning of diffusion models on human faces
- Built highly interactive AI-first chat playground/chat UIs

Software Development Engineer

DataEquinox

Dec 2021 - Sep 2022

Remote, Kochi, India

- Designed and developed CRM web apps by piecing together multiple different feedback and customer sources/portals
- Created proofs of concept for multi-threaded solutions for Node based Backends
- Collaborated with multiple teams of over 7 members

Founder

Synthesized Infinity

July 2020 - Present

Remote

- Managed multiple development teams with over 10 people
- Created organization's mission and vision statements for use by the members
- Built and contributed to 12+ OSS Projects
- Conducted lessons on NodeJS and TypeScript for the members of the community

SKILLS

Technical Skills	Backend/Web Development, Artificial Intelligence, Dev-Ops, LLMs, RAG, LoRA, API Design
Tech Stack	TypeScript, NextJS, NestJS, TailwindCSS, tRPC, Python, FastAPI, Langchain, Ollama, Transformers, Flutter, Rust, RabbitMQ, PostgreSQL AWS (EC2, EKS, Amazon MQ, RDS), Algolia Search

PROJECTS

Valdle July 2020

- First ever utility WhatsApp Bot
- 30K+ Users and Used on 500+ Group Chats ([Website](#))

Infinity July 2020

- First ever utility WhatsApp Bot
- 30K+ Users and Used on 500+ Group Chats ([Website](#))

Kalidokit November 2021

- Blendshape and kinematics solver for Mediapipe/Tensorflow.js face, eyes, pose, and hand tracking models
- Implemented algorithms for taking landmarks and calculating euler rotations and blendshape face values to be translated into models ([NPM](#))

Wa-Sticker-Formatter March 2021

- WhatsApp sticker creator for Node. Built webp parsers for images and videos with editable exif metadata
- 25K+ dependents on Github, 225k+ weekly downloads on npm ([NPM](#))

Langchain-Llama/Vicuna-TS April 2023

- Llama LLM compatibility for Langchain NodeJS ([Github](#))

Auerolin November 2021

- Superfast TS Web Framework for Node. Utilized Reflect metadata's decorators to allow users to easily create APIs and platforms
- +1k Weekly Downloads on NPM ([GitHub](#))

Gyan.Pro March 2024

- AI Voice Note Taking app built with Llama3-8b GROQ and OAI Embeddings ([Website](#))

MeowScript March 2022

- Meowing-complete general-purrpose programming wanguage built with Rust ([Website](#))

OWCSLE April 2024

- Overwatch Championship Series League Esports Website ([Website](#))

Valorant Arcade Game June 2023

- Worked with Paragon w/ official Valorant Discord to create a Valorant arcade game for the web ([Valdle](#))

EXTRAS

Freelancer August 2020 - Present

- Freelanced over 60 Projects (Remote)
- Worked with Paragon (Riot Games-backed company) as a client

OSS Maintainer & Contributor July 2020 - Present

- Currently maintaining over 8 OSS Projects and Contributing to multiple others

Overwatch Esports Volunteer

August 2024 - Present

- Covering Overwatch Championship Series Tournaments at [@owcesports](#) & Managing match and player statistics