

Abhigith Neil Abraham

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Personal Profile

Entrepreneur and CTO leading products in the AI domain. 4+ years of proven experience in technology. Started career with owning open source projects, wrote research publications, performed end to end full stack applications in AI across multiple domain.

Education

College of Engineering, Trivandrum

BTech in Electrical and Electronics

- Graduated with 8.1 CGPA on a scale of 10

Trivandrum, India

August 2016 - June 2020

Work Experience

Gomi.ai

Co-Founder and CTO

- Built an MVP end-to-end for sales demo automation in AI
- Used technologies involving Generative AI, vector search, React for frontend and FastAPI for the backend.

The Netherlands

Oct 2023 - Present

Aecmaster

Full Stack and AI Research Engineer

- Led a 5-month project to integrate ChatGPT into the AEC ecosystem to understand AEC data more efficiently for customers.
- Built full stack solution make a version control alternative for AEC data that also included 3D renderings using Threejs for building construction models.
- Developed a Chrome extension for optimized data handling in ChatGPT and a real-time platform for AEC data visualization.

Remote

March 2023 - Oct 2023

Autonomio

Machine Learning Engineer

- Authored and Open Sourced [Jako](#), a distributed computing tool for hyperparameter optimisation using multiple machines. Responsible for building, testing and writing documentation.
- Authored and Open sourced [EasyEnergy](#), a tool to track carbon emissions and energy draw for Machine Learning Experiments. Responsible for the idea, roadmap, building, testing and documentation.

Helsinki, Finland

July 2022 - March 2023

Saama

Machine Learning Research Engineer

- Worked with the Research team for innovating impact of machine learning with natural language processing in Clinical Domain.
- Wrote Research papers for NLP tasks such as [Bio Sentence Transformers](#)
- Worked with internal software research team to build tools to automate cross matching of medical domain databases.

Chennai, India

Dec 2020 - June 2022

Minicog

Freelance Machine Learning Engineer

- Built an open source tool named [TableQA](#) for querying natural language on tabular data.
- Wrote a [research paper](#) on TableQA.

Kochi, India

May 2020 - Dec 2020

Research Publications

- Research paper - [BioSimCSE: BioMedical Sentence Embeddings using Contrastive learning](#)
- Research paper - [TableQuery: Querying tabular data with natural language](#)
- Research Journal - [Deep Learning Applications with Python](#)

Skills

Technical Skills

Python (Tensorflow, PyTorch, Pandas, Scikit-learn), SQL, Postgres, Docker, Git, Vue.js, AWS, GCP, Ubuntu Linux, Real-time Data Analytics, Three.js, Linux tools, Apt, Scripting, \LaTeX , Tableau, Firebase, Hasura, Metabase

Soft Skills

Community Management, People Relationship, Time Management, Teamwork, Problem-solving, Documentation, Engaging Presentation, Leadership, Communication, Logical Thinking, Project Management, Team Coordination, Strategic Planning