ABHIGITH NEIL ABRAHAM

MACHINE LEARNING RESEARCH ENGINEER

ABOUT ME

I am a Machine Learning Research Engineer with 2 years of professional software development experience of which 1 year of research experience. I have vast experience in creating new tools and models in the AI space. I also have experience in building enterprises and products and am passionate about contributing to open source. I believe in working in a community-like workplace where greatness is achieved.

CONTACT

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GITHUB:
https://github.com/abhijithneilabraham

LOCATION

INDIA

COMMUNITIES

- TINKERHUB
- GOOGLE AI EXPLORE ML

SKILLS

- Python ●Java ●Javascript
- MongoDB ●nodeJS ●Keras
- Django ●Flask ●Pytest ●Firebase
- SQL ●Machine Learning ●NLP
- Deep Learning ●Data Science
- Tensorflow ●AWS ●GCP
- Hasura●Docker ●ANTLR
- git ●Opencv ●CNN

EDUCATION

College of Engineering, Thiruvananthapuram
2016 - 2020
B. Tech in Electrical and Electronics
CGPA: 8.1/10

WORK EXPERIENCE

Saama

Machine Learning Research Engineer
12/20 - Present

- Worked with the R&D team and built softwares, models and wrote research papers for accelerating clinical trials
- Built pipelines and wrote research papers(currently under review) for Question Summarisation, Evidence Inference, Bio Sentence Transformers,
- Built and deployed to huggingface: Covid Question Answering.
- Built an auto-mapping software for cross matching medical domain databases.
- Wrote software for a faster alternative to my own product TableQA.

Minicog

Machine Learning Engineer
05/20 – 12/20

- Wrote backend and software to research and build a novel software tool for querying natural language on tabular data.They pivoted after I left the enterprise.

Achievements and Contributions

- TableQA became madewithml's rank #1 software on Sept 25, 2020
- Implemented Sentence Embedder to pytorch-lightning's project.
- Authored Jako, a tool for distributed computing for hyperparameter optimisation.
- Research Publications-
  - TableQuery.
  - Deep Learning Applications-Springer Journal

Side Projects

AUTONOMIO

- **Autonomio** is an organisation for creating tools which helps build AI models with easy access for any researcher community.

NFFLOW

- **NFFLOW** is a data curation tool for researchers to aggregate data over time for researching and training their ML models. I Worked on building the software, and also on the content and marketing.