Subhranil Paul

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EDUCATION

Techno India University — Kolkata, India
Integrated Master of Technology - Computer Science; GPA: 8.22 — *July 2020 - Present*

Ramakrishna Viveananda Mission Vidyabhawan — Barrrackpore, India
Higher Secondary; 86 Percent — *2020*

Bhatpara AmarKrishna Pathsala — Bhatpara, India
Secondary; 79 Percent — *2018*

SKILLS SUMMARY

- **Languages**: Python, C++, SQL, JAVA
- **Frameworks**: Scikit, NLTK, TensorFlow, Keras, Streamlit, Langchain, Flask
- **Tools**: Kubernetes, Docker, GIT, MySQL, SQLite, ML Agents
- **Platforms**: Linux, Windows, GCP, AWS, Azure, Unity Game Engine
- **Soft Skills**: Leadership, Event Management, Public Speaking, Time Management

EXPERIENCE

Community Lead at Developer Student Clubs TIU — Kolkata, India
Conducted online and offline technical & soft-skills training impacting over 2000 students. — *July 2023 - Present*

Google Cloud Study Jams 2023 Cloud Facilitator — Kolkata, India
Organized Google Cloud Study Jams events and workshops reaching over 200 students. — *Nov 2023 - Jan 2024*

Community Lead at Code Vipassana — Kolkata, India
empowering and engaging developers in Google Cloud hands-on activity — *March 2024 - Present*

Algorand Blockchain Club Lead — Kolkata, India
Established a web3 community of 1000+ members, conducted 5+ online and offline events. — *Feb 2024 - Present*

Intel Student Ambassador — Kolkata, India
Organized Intel OneAPI workshops and hackathons with 250+ developers. — *Jan 2024 - Present*

PROJECTS

- **YouTube Video Summarizer**: Created an open-source project to make valuable content more accessible. The project generates comprehensive summaries of YouTube videos, enhancing user experience and understanding.
  Tech: Python, Gemini Pro, Streamlit, YouTube transcript API, Pathlib.

- **Nutritionist Expert**: Developed an AI model to analyze and offer insights on nutrition by processing images of food items. This project enhances understanding and promotes healthy eating habits.
  Tech: Python, Gemini Pro Vision, Streamlit.

- **A Complete Guide to Self-Driving Car**: "Explored self-driving car techniques using Udacity's open-source simulator. Implemented methodologies to navigate and control a virtual car autonomously, showcasing hands-on experience in self-driving technology.
  Tech: Python, TensorFlow, Unity Game engine, Udacity.

- **Text to SQL App**: Developed a user-friendly app capable of generating SQL queries through simple input prompts. This tool streamlines the process of creating database queries.
  Tech: Python, Gemini Pro, SQLLite, Streamlit.

- **Medical Chatbot**: Implemented customized medical chatbot based on healthcare-specific LLMs and Generative AI. Developed a robust chatbot using Llama 2 model and other python libraries. .
  Tech: Llama 2,langchain,ctransformers,pinecone,pypdf,flask,AWS

HACKATHONS

- **Enigma**: Achieved Top 10 placement in the Intel oneAPI-based Machine Learning Hackathon, organized by Intel in collaboration with Google Developers Student Clubs at Techno India University.

- **GDSC Solution Challenge** : Took part in the Solution Challenge oragnised by Google, contributing to the Good Health and Wellbeing domain. Demonstrated problem-solving skills and commitment to creating impactful solutions for a healthier world.

EXTRACURRICULARS

- **YouTube Content Creator**: I create coding tutorials on my YouTube channel, Incognito CodeLab, with over 650 subscribers. I enjoy sharing programming knowledge and building a vibrant learning community.

- **Hacktorfest Contributor**: Active contributor to Hacktoberfest, participating in open-source projects and submitting valuable contributions. Demonstrated commitment to collaborative coding.

- **Public Speaker**: I have led over 20 seminars both online and offline. I enjoy sharing information and connecting with people. Making presentations engaging and informative is something I take pride in.