ARKAPRAVO GHOSH

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OBJECTIVE

Computer Science and Engineering Student seeking an Internship position to continue developing my skills and applying the knowledge I have learnt through my studies.

EDUCATION

Bachelor of Technology in Computer Science and Engineering (IoT, Cybersecurity and Blockchain Technology), University of Engineering and Management Kolkata   Expected 2026

Class 12 CBSE, Kendriya Vidyalaya No. 1 Saltlake   2022
Subjects: Computer Science, Physics, Chemistry, Mathematics, English
Marks: 71.2%

Class 10 CBSE, Kendriya Vidyalaya No. 1 Saltlake   2020
Subjects: Science, Mathematics, Social Science, Sanskrit, English
Marks: 83.8%

EXPERIENCE

DevSecOps Engineer   Started on June 2023
PepHub   Remote

- Worked on Deployment and Configuration of Projects on multiple Cloud Environments.
- Worked on building Secure CI/CD Pipelines.
- Built the [PepHub Consultancy Website](#).

SKILLS

- **Platforms:** Linux, Windows & macOS
- **Frontend & UI/UX:** HTML, CSS, JS, React, Next & Figma
- **Backend:** Python, FastAPI, Node & Express
- **Database:** MySQL/MariaDB & MongoDB
- **DevOps:** Git & GitHub, Docker, Docker Compose & Kubernetes
- **Cloud Computing:** Google Cloud Platform
- **IoT:** Arduino, Raspberry Pi & Node-RED

PROJECTS

- **Speech To Text API:** Built an Open Source Speech To Text API using Python, FastAPI and OpenAI's Whisper v2 Model from HuggingFace Transformers.
- **Sample Backend with SQL:** Built a Sample Backend with SQL using Node, Express, MariaDB that can Register, Login and Authenticate Users.

- **Minecraft Server Resources:** Built a repository providing Scripts, Config Files, Tools and other Resources for Easy and Secure Minecraft Server Deployment.

- **Raspberry Pi Guide:** Built a Raspberry Pi Guide that helps beginners to get started with Raspberry Pi.

- **Ark Linux:** Built an Open Source Distribution of GNU/Linux based on Arch Linux.

- **Smart Parking System:** Built an Open Source Parking System that updates status of parking slot availability in realtime and displays into a website, made using Raspberry Pi, Node JS, Express JS and React JS.

- **Biometric Attendance Management System:** Built an Open Source Attendance Management System with an Admin Console that uses Fingerprint Biometrics to collect Attendance.

- **Asus Fan Controller:** Built an Open Source Fan Controller for Asus Laptops running Linux.

- **Mic Mute Key LED Driver:** Built an Open Source Mic Mute Key LED Driver for ASUS Laptops running Linux.

HOBBIES & INTERESTS

- Listening to Music

- Learning about new Technologies

CERTIFIED COURSES

- Google Cloud Study Jams

- Google Cloud Platform