ARKAPRAVO GHOSH

+91 70037 68803 ◇ Kolkata, West Bengal, India

arkapravoghosh99@gmail.com ◇ www.linkedin.com/in/arkapravo-ghosh ◇ github.com/Arkapravo-Ghosh

EXPERIENCE

Senior Software Developer and Engineer   Feb 2024 - Present

RevMaxx   On-Site

- Ensuring the Security of the Platform by Regularly Updating Dependencies, Implementing Proper Security Measures and Monitoring the Platform
- Developed and Maintained Backend of RevMaxx AI Platform that helped the Company to Generate Revenue by setting up their AI Platform for the Clients Very Fast
- Created and Managing APIs for the Platform that Optimized the Speed of the Platform by 30%
- Secured the Backend of the Platform by Implementing Proper Security Measures and Regularly Updating the Dependencies ensuring Zero Vulnerabilities
- Implemented Sockets for Realtime Data Transfer that Increased the Speed of the Platform by 50%

Frontend Developer   Apr 2024 - May 2024

Connect AI   Remote

- Developing and Maintaining the Frontend of Connect AI Platform that is used by the Company for providing their Main Services
- Creating and Managing the UI/UX of the Platform that is helping the Users to Properly Understand the Platform and reducing the Learning Curve

DevSecOps Engineer   Jun 2023 - Dec 2023

PepHub   Remote

- Created Deployment and Configuration of Several Projects on Multiple Cloud Environments like Amazon Web Services and DigitalOcean that Increased the Scalability of the Projects by 40%
- Worked on building Secure CI/CD Pipelines for the Projects that increased the Deployment Speed by 30% and Eliminated Downtime
- Built the PepHub Consultancy Website that helped in Generating Leads for the Company

SKILLS

- **DevOps:** Git, GitHub, Docker, Docker Compose, Networking, Jenkins & Kubernetes
- **Cloud Computing:** Google Cloud Platform, Amazon Web Services, Microsoft Azure & DigitalOcean
- **Database:** MySQL/MariaDB & MongoDB
- **Platforms:** Linux, Windows & macOS
- **Project Management:** Jira
- **Frontend & UI/UX:** React, Next, SCSS, Tailwind, Material UI, Chakra UI, Fluent UI & Figma
- **Backend:** Python, FastAPI, Node & Express
- **IoT:** Arduino, Raspberry Pi & Node-RED

EDUCATION

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

University of Engineering and Management, Kolkata   8.05 GPA

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.
- **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.

CERTIFICATIONS

- Google Cloud Study Jams - Enhanced my Cloud Computing Skills with Google Cloud Platform
- Google Cloud Platform - Learnt Cloud Engineering with Google Cloud Platform