

Full Stack Developer

Rupayan Pujari

PROFESSIONAL SUMMARY

A Microsoft Certified Azure professional with areas of expertise in Java, Python, React JS, React Native and Flutter. Passionate and detail-oriented Full Stack Developer with hands-on experience in building AI-powered applications and responsive web solutions. Exceptional communication, collaboration and team-leading skills with proficiency at grasping new technical concepts quickly and utilizing them in a productive manner.

EXPERIENCE

WEB DEVELOPER, Pinnacle Labs Pvt Ltd, India, Kolkata

July 2025 - August 2025

Successfully completed my internship as a web developer at Pinnacle Labs Pvt Ltd.

EDUCATION

B.Tech Computer Science & Engineering, B.P Poddar Institute of Management and Technology, India, Kolkata

2023 - Now

COURSES

MICROSOFT AZURE FUNDAMENTALS, Microsoft

July 2025

JAVA – BEGINNER TO MASTER, Udemy

January 2025

JS, HTML, CSS, KG CODING

May 2024

PROJECTS

BHAV AI – MENTAL HEALTH SUPPORT SYSTEM

Full Stack Developer | Python, Flutter, Flask, Firebase, GPT/Gemini APIs

- Developed an AI-powered mental health chatbot offering emotional support and therapist connections, with full support for Bangla language.



CONTACT

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SKILLS

React.js
Expert

React Native
Skillful

Flutter
Expert

Flask
Expert

Python
Experienced

Java
Expert

HTML/CSS
Expert

Microsoft Azure
Experienced

Firebase
Expert

MySQL
Experienced

LINKS

onrender.com

- Built the app using Python (initially CLI-based), later scaling to Android via Flutter.
- Integrated GPT/Gemini APIs and experimented with LLAMA 3.3 70B for natural language interactions.
- Quantized model for optimized performance with speculative decoding and 130k-token context window.
- Developed backend with Flask and used Firebase for real-time data storage and user authentication.
- Tracked user mood trends and included features for users to submit feedback and suggest improvements.
- Emphasized equal performance across platforms—no model downgrades for mobile.

GEO-TRACK – GEOFENCING BASED ATTENDANCE MONITORING

Full Stack Developer | ReactJS, Native, Flask, Firebase

- Geo-Track is a geolocation-based attendance system, a smart solution designed to accurately track employee attendance using real-time location data.
- Attendance is marked as 'Present' or 'Absent' based on proximity to the assigned geofence.
- The admin dashboard allows companies to manage users, view live attendance, and set custom geolocations.

JOB SIMULATIONS

TATA GROUP DATA ANALYTICS JOB SIMULATION ON FORAGE

GenAI, Data Analytics

- Completed a job simulation involving AI-powered data analytics and strategy development for the Financial Services team at Tata iQ.
- Conducted exploratory data analysis (EDA) using GenAI tools to assess data quality, identify risk indicators, and structure insights for predictive modeling.
- Proposed and justified an initial no-code predictive modeling framework to assess customer delinquency risk, leveraging GenAI for structured model logic and evaluation criteria.
- Designed an AI-driven collections strategy leveraging agentic AI and automation, incorporating ethical AI principles, regulatory compliance, and scalable implementation frameworks.

TATA CYBERSECURITY SECURITY ANALYST JOB SIMULATION ON FORAGE

Cybersecurity

- Completed a job simulation involving identity and access management (IAM) for Tata Consultancy Services, collaborating with a Cybersecurity Consulting team.
 - Acquired expertise in IAM principles, cybersecurity best practices, and strategic alignment with business objectives.
 - Delivered comprehensive documentation and presentations, showcasing the ability to communicate complex technical concepts effectively.
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AWS APAC SOLUTIONS ARCHITECTURE VIRTUAL EXPERIENCE PROGRAM ON FORAGE

Cloud Computing, Amazon Web Service

- Designed and simple and scalable hosting architecture based on Elastic Beanstalk for a client experiencing significant growth and slow response times.
 - Described my proposed architecture in plain language ensuring my client understood how it works and how costs will be calculated for it.
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