



Rupayan Pujari

FULL STACK DEVELOPER

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.

CONTACT

- rupayanpujari308@gmail.com
- (+91) 6289895447
- <https://github.com/RUPAYAN-PUJARI>
- Kolkata, India

SKILLS

- REACTJS
- REACT NATIVE
- FLUTTER
- FLASK
- PYTHON
- JAVA
- HTML/CSS
- MICROSOFT AZURE
- FIREBASE
- MYSQL

CERTIFICATIONS

- MICROSOFT AZURE FUNDAMENTALS
- JAVA – BEGINNER TO MASTER
- JS, HTML, CSS – KG CODING

EDUCATION

B. P. PODDAR INSTITUTE OF MANAGEMENT AND TECHNOLOGY
Computer Science and Engineering
B. Tech, 2023-2027

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.

- 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.
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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 a 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.