Maaz Alamgir

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INTERNSHIPS | VIRTUAL EXPERIENCES

AWS SOLUTION ARCHITECTURE | Virtual Experience, Forage

- AWS APAC Solutions Architecture virtual experience program on Forage - August 2025
- 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.

DELOITTE DATA ANALYTICS | Virtual Experience, Forage

- Deloitte Australia Data Analytics Job Simulation on Forage - August 2025
- Completed a Deloitte job simulation involving data analysis and forensic
- Created a data dashboard using Tableau.
- Used Excel to classify data and draw business conclusions

PROJECTS

ADS CAMPAIGN AUTOMATION TOOL | Mini Google Ads Clone

- Tech: Java (Spring Boot), React, MySQL, Google Ads API (sandbox/demo).
- Users can create, view, and manage dummy ad campaigns.
- Integrates Google Ads API to fetch mock ad data (impressive for gTech Ads team).
- Dashboard with charts to show ad performance (impressions, clicks, conversions).
- Directly relates to Google Ads ecosystem. Shows API integration + scalable design.

SMART EXPENSE TRACKER WITH VISUALIZATION

- Tech: Java backend, React/Angular frontend, Chart.js or Recharts, MySQL.
- Users log expenses (shopping, travel, food, etc.).
- Dashboard with dynamic charts and budget insights.
- Can add export to CSV/PDF and API support.

INTELLIGENT EXPENSE PREDICTOR | AI-Integrated Project

- Tech: Python, Scikit-learn, React, MySQL.
- Built ML model to predict future expenses from user history.
- Integrated backend API with React dashboard for real-time insights.
- Visualized trends using interactive charts for better decision-making.

PERSONAL FINANCE APP WITH AI INSIGHTS | Full-Stack + AI Project

- Tech: Java (Spring Boot), React, MySQL, Python (Scikit-learn), Chart.js.
- Built expense tracker with CRUD APIs, CSV/PDF export, and user authentication.
- Integrated ML model to predict future expenses/savings from historical data via a '/predict' API.
- Designed interactive dashboard with charts and actionable financial insights for users.

EDUCATION

AMITY UNIVERSITY RANCHI

BTech Computer Science and Engineering
2023 - 2027

SKILLS

- Programming Languages: Java (primary), C++, Python (basic)
- Web Technologies: HTML, CSS, JavaScript, REST APIs
- Databases: MySQL, DBMS
- Core CS: Object-Oriented Programming (OOP), Data Structures Algorithms (DSA), Multithreading, Exception Handling
- Tools Platforms: Git/GitHub, AWS (basic), Linux/Unix, macOS

COURSEWORK

Data Structures and Algorithms
Operating Systems
Database Management Systems
Computer Networks
Object-Oriented Programming (OOP)
Web Development
Software Engineering

LINKS

Github:// **maazazm-09**
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