Uttam Kumar

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Mobile: +91-6207000076 engineeringwithuttam@gmail.com Leetcode Portfolio

WORK EXPERIENCE

Tata Consultancy Services — February 2025 – Present
Full Stack Developer (Microsoft Account) — *Full-time, Pune*

- **EDA Forecast Tool – Change Log Feature**: Implemented a row-level modification tracking system in the EDA Forecast Tool using ReactJS (TypeScript) and MUI Drawer, enabling admins to view edit history per record and improving traceability by 40%. Extended the .NET Web API to support ID-based log retrieval, reducing data retrieval time by 25%.
- **EDA Forecast Tool – Database Enhancements**: Enhanced an existing **stored procedure** to include original and modified values in the set of results, improving traceability by 40%.

Gruby — August 2024 – January 2025
Software Engineer — *Full-time, Remote*

- **DLQ Operations Platform**: Developed a self-service tool using **ReactJS (TypeScript)** that allowed stakeholders to troubleshoot order messages across DLQs without external dependencies, increasing team efficiency by 35%.
- **Splunk Query Automation**: Integrated a new tab into the tool to streamline navigation of Splunk queries and enable automatic JSON record downloads prior to deletion.

Atlassian — January 2024 – June 2024
Software Engineer Intern — *Full-time, Bangalore*

- **Global Mobility – Data Automation**: Automated data extraction pipelines using **PySpark**, integrating sources from Workday and Excel (via S3 + Workato). Reduced manual tracking and processing time by 50%.
- **Office NPS – Survey Data Pipelines**: Engineered robust data pipelines for quarterly NPS survey dispatches utilizing Qualtrics API, incorporating sophisticated data shuffling and de-duplication logic, guaranteeing 99.9% data accuracy across all surveys

PERSONAL PROJECTS

- **MimicOS (August 2024 – 2025)**: Engineered MimicOS, a browser-based CLI simulator utilizing NextJS, JWT, MongoDB, and CSS Modules, to replicate 15 beginner-friendly commands, facilitating interactive learning and helping new users learn basic shell usage.
- **Movie Recommendation System (May 2023)**: Developed a movie recommendation engine using Flask, integrating ML algorithms such as Naive Bayes, NLP, and cosine similarity to deliver personalized suggestions. Achieved 85% accuracy in recommendations.

EDUCATION

Chandigarh University — Punjab, India
Bachelor of Engineering in Computer Science — *CGPA: 8.02* — *August 2020 – July 2024*

Khadimul Islam Inter College — Patna, India
Intermediate Education — *73.8%* — *April 2018 – March 2020*

TECHNICAL SKILLS

Frontend: HTML, CSS, ReactJS, TypeScript, NextJS, Bootstrap, MUI
Backend: NodeJS, Express, Flask, Servlet, .NET
Programming Languages: Java, C++, C, JavaScript, Python
Databases: MongoDB, MySQL
Developer Tools: Azure DevOps, Postman, Docker, Git, Firebase, Heroku, Vercel, Databricks, Tableau
Coursework: Data Structures and Algorithms, DBMS, Computer Networks, Operating Systems

ACHIEVEMENTS AND COMMUNITIES

- **Open Source**: Contributed to **Moja Global** and **Scikit-learn**, focusing on frontend enhancements and codebase improvements.
- **Hackathons**: Runner-up among **6,100+ participants** in the **Cloud Native Hackathon**. Finalist (Top 100 out of 16,395) in **Spark Wars 3.0** by Celebal Technologies.