

Uttam Kumar

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WORK EXPERIENCE

- Tata Consultancy Services** Feb 2025 – Present
Full Stack Developer (Microsoft Account) *Full-time, Pune*
 - EDA Forecast Tool (Feature):** Developed a history tracking feature for each table row, enabling admins to view modification logs using **MUI Drawer** in a **ReactJS (TypeScript)** UI, enhancing traceability and reducing manual tracking efforts by 40%. Enhanced existing **.NET Web API** to fetch logs by record ID, improving data retrieval speed by 25%.
 - EDA Forecast Tool (Database):** Enhanced an existing **stored procedure** to include additional columns (original and modified values) in the result set, improving audit capabilities and reducing debugging time by 30%.
- Gruby** Aug 2024 – Jan 2025
Software Engineer *Full-time, Remote*
 - DLQ Operations Tool:** Built an end-to-end tool using **ReactJS (TypeScript)** enabling stakeholders to directly troubleshoot order messages without navigating multiple DLQs, increasing team productivity by 35%.
 - Feature Extensions:** Implemented tab-based navigation for Splunk queries and file downloads, streamlining operations before message deletion and reducing task completion time by 20%.
- Atlassian** Jan, 2024 - June, 2024
Data Engineer Intern *Full-time, Bangalore*
 - Global Mobility:** Automated data extraction and ETL processes by writing PySpark scripts to pull data from Workday and Excel files (uploaded to S3 via Workato), eliminating manual tracking and reducing data processing time by 50%.
 - Office NPS:** Developed data shuffling scripts and populated unique records into a new fact table for sending quarterly surveys via the Qualtrics API, improving survey accuracy and reducing data prep time by 40%.

PERSONAL PROJECTS

- MimicOS [NextJS, JWT, MongoDB, CSS Modules] (08/2024 - Present):** Building a quick no-setup simulated CLI's like Bash and Terminal. Mainly focused on beginner-level CLI commands.
- Movie Recommendation System [Flask, HTML, CSS, jQuery, AJAX, API, Algorithms] (May, 2023):** Aggregated my Data science skills with web dev skills to build a website that can recommend movies like Netflix, Amazon-prime using ML and algorithms like **Naive Bayes, NLP, cosine similarity**, etc.

EDUCATION

- Chandigarh University** Punjab, India
Bachelor's of Engineering in Computer Science — *CGPA: 8.02* *Aug, 2020 – July, 2024*
- Khadimul Islam Inter College** Patna, India
Intermediate — *Percentage: 73.8* *2018 – 2020*

TECHNICAL SKILLS

Frontend Frameworks/Languages: HTML, CSS, ReactJS, TypeScript, NextJS, Bootstrap, MUI

Backend Frameworks: NodeJS, Express, Flask, Servlet, .NET

Programming Languages: Java, C++, C, JavaScript, Python

Database System: MongoDB, MySQL

Courseworks: Data-structure and algorithms, DBMS, Networking, Operating System

Developer Tools: Azure DevOps, Postman, Docker, Git, Firebase, Heroku, Vercel, Databricks, Tableau

ACHIEVEMENTS AND COMMUNITIES

- Open Source:** Contributed to **Moja Global** and **Scikit-Learn**.
- Hackathons:** Runner-up among **6,100+ participants** in **Cloud Native Hackathon**. Finalist (Top 100/16,395) in **Spark Wars 3.0** by Celebal Technologies.

HOBBIES

- Medium:** Writing Technical contents/blogs (3.5k+ views)
- StackOverflow** : Solving doubts/issues on StackOverflow (750+ reputation)