




AASHISH KUMAR

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Education

Netaji Subhas University of Technology

B.Tech in Computer Science and Engineering GPA: 7.7

New Delhi, India

2021 - present

Kamal Public School

CBSE: Class XII 94% Class X 92.2%

New Delhi, India

2018 - 2021

Work Experience

SDE Intern at COSM

Jan 2025 - June 2025

- * Worked as a Frontend Engineer for scalable **React.js** applications, successfully resolving over **20** development tickets related to UI enhancements, bug fixes, and feature implementation.
- * Developed unit tests using **Vitest** for helper and utility modules, covering **80%** functions and contributing to **60%** overall branch coverage in the application.
- * Designed a proof of concept (**POC**) for an **NFC-enabled** ticket verification system, bridging mobile and web platforms for seamless event check-ins.
- * Collaborated with **cross-functional teams** including designers, QA and backend developers in an Agile environment to ensure timely delivery of high-quality features.

Oracle Developer Intern at HUDCO

May 2024 - July 2024

- * Collaborated within a team to develop a scalable **Oracle Forms** application using Oracle Form Builder, increasing efficiency by **60%**.
- * Implemented robust **CRUD** operations across 4+ functional tabs (sanctioning, releasing, recovering, and reporting), improving operational data handling efficiency by **40%**.
- * Designed and integrated **Oracle Reports** to display detailed employee data, enhancing report generation speed and accuracy for **1000+** records.

Projects

Advanced Market Segmentation | Machine Learning, Python(Scikit-learn, Pandas, NumPy, Matplotlib, Seaborn)

- * Built a ML model to accurately predict **customer segments**.
- * Utilized **K-means clustering** with the **elbow method** to determine optimal clusters.
- * Enhanced the model's predictive capability by integrating a **Decision Tree** classifier, enabling detailed customer analysis based on key attributes.

ExpenseEase | MongoDB, Express.js, React, Node.js, Clerk, TypeScript

- * Developed a **MERN-stack** expense tracker with real-time CRUD operations, used **Clerk** for user authentication.
- * Built **RESTful API** with Express and Mongoose, integrated with frontend built using functional components and Hooks.
- * Designed a **Theme-toggle** dashboard with editable tables, form validation, and persistent storage for an enhanced UX.

Technical Skills

Programming Languages : C, C++, Python

Web Development : HTML, CSS, JavaScript, React.js, Node.js, Express.js

Database : MySQL, MongoDB

Tools & Frameworks : Git, Github, Vitest, Agile

CourseWork : Data Structures and Algorithms, DBMS, OOPS, OS

Achievements

- * Ranked in the top 50 in the **Artificial Intelligence Quiz** organized by Datapro Computers Private Limited.
- * Awarded academic excellence award by **KPS** in class XII, 2020-2021.

Extracurricular Activities

- * Awarded certificate of appreciation by **KETTO** for contributing in Food & Hunger SIP.
- * Participated in **Tug of War** game organised by NSUT on the occasion of cultural fest and secured the runner-up position.