

Aditya Tomar

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📍 New Delhi, India

Education

Birla Institute of Technology & Science, Pilani - K.K. Birla Goa Campus

B.E. Electronics & Instrumentation, Integrated M.Sc. Mathematics

August 2019 – July 2024

CGPA: 7.22

Skills

- C++, Python, JavaScript, Java, SQL
- React.js, Node.js, MongoDB, PostgreSQL, YAML, TensorFlow, PyTorch
- Git/Github, RESTful APIs, SAP BTP, Cloud Integration, GCP

Courses

Computer Programming, Object Oriented Programming, Microprocessors and Interfacing, Digital Design
Discrete Mathematics, Optimization, Probability and Statistics, Mathematical Modeling, Operations Research

Experience

CoreOps.ai

Noida, Uttar Pradesh

SAP Associate Developer

Nov 2024 – Present

- Designed and implemented **Integration Flow** and **REST APIs** for business processes like sales orders and purchase orders, configuring policies and publishing them on SAP Integration suite.
- Developed **Fiori** applications in Sales and Purchase Order clouds.
- Building an **HRMS** (Human Resource Management System) using **React** and **Node.js**, specializing in resume tracking and filtering to streamline recruitment workflows on SAP **BTP**.

SAP Labs India

Bangalore, Karnataka

Software Development Intern

Feb 2024 – Sept 2024

- Engineered a **SAPUI5 Plugin** to log user interactions via an OData service, efficiently handling over **10,000 daily events** with **sub-300ms response times**.
- Integrated **SAP Joule** (AI chatbot) with **S/4HANA Cloud** using **YAML scripting**, automating **end-to-end procurement**.
- Used scripted API to display data, enhancing user experience integrating real-time updates.
- Automated **PR workflows**, enhancing approval efficiency through **SAP Build Process Automation**.
- Implemented **centralized order tracking** in Joule, enhancing visibility and efficiency for all stakeholders.

Vehant Technologies

Noida, Uttar Pradesh

Machine Learning Intern

Jul 2023 – Dec 2023

- Developed a face recognition and classification system in **Python** using **OpenCV**, **MTCNN** (Multi task Cascaded CNNs), **ArcFace** and **AdaFace**.
- Implemented **face frontalization** techniques using 3D models, triangulation and perspective algorithms improving the classification accuracy by **10%** in varied lighting conditions.
- Addressed **class imbalance** issue through techniques like **spherical interpolation**, **optical flow** warping and **SMOTE** using **Scikit-Learn**.
- Used classification algorithms like **SVM**, **K-means**, and **Facenet** and image degradation using **PyTorch**.

Projects

Gemini Clone

[Link to Project](#)

- Created a **Gemini clone** using **React**, integrating Google Generative AI for prompt generation.
- Managed state using React's **useContext** hook for dynamic UI and prompt handling.

Zomato Customer Behaviour Analysis

[Link to Project](#)

- Analyzed Zomato customer data using Python, **pandas**, **matplotlib** and **seaborn** for insights into ordering preferences.
- Conducted **EDA** to identify popular restaurant types, average order spend, and ratings distribution.
- Explored seasonality effects on ordering patterns by analyzing **time-series data**, revealing peak ordering times and days.

Volunteer Experience

Pitch Lead (Department of Publicity & PR)

- Responsible for convincing 20+ Institutions for participating in one of the top Cultural Fests in India (Waves).
- Coordinated with the team members to provide accommodation and facilities for 500+ students.