Sahil Siddhant

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EDUCATION

KIIT University, *B. Tech* 🔗   2019 – 2023
CGPA- **8.95**   Bhubaneswar, India

EXPERIENCE

Associate Software Engineer (ASE), *Accenture* 🔗   04/2024 – 11/2025
- **Engineered and optimized Python automation scripts** to streamline ETL pipelines, facilitating data synchronization across distributed systems (Workday, Alight, Lincoln).
- **Developed complex SQL queries and transformation logic** within the automation framework (UAC) to improve data accuracy and reduce manual intervention.
- **Resolved critical system bottlenecks and data anomalies** by implementing code-level fixes and performance tuning, significantly improving application stability.
- **Collaborated in Agile sprints (JIRA)** to deliver backend feature enhancements and bug fixes, focusing on pipeline efficiency and scalable data architecture.

SDE Intern, *High Radius* 🔗   01/2022 – 04/2022
- Built an **AI-Enabled Fintech B2B** invoice management application.
- Using **ML Models** to **predict** the payment date of an invoice.
- Used **XGBoost** to improve the **accuracy by 20%**.
- Tools Used: **Machine Learning, ReactJS, HTML, CSS, MySQL, JDBC, Java, Servlets.**

SKILLS

Domains: Object-Oriented Programming (OOPs), Data Structures, Algorithms, SQL, Azure, **Languages:** C++, Java, Python, HTML, CSS, JavaScript, **Databases:** MongoDB, MySQL, **Methodologies:** Agile, Scrum, **Tools/ Frameworks:** React, Node, Express, REST API, Git, FastAPI

PROJECTS

SocialSway, *Feature-rich social media app with MERN stack.* 🔗
- **MongoDB**, **React** with **Material-UI** for **responsive UI**.
- Implemented **user authentication**, **likes**, and dark mode features for **enhanced user experience**.
- Utilized **Redux** for efficient **state management** and integrated **JSON Web Tokens (JWT)** for secure **user authentication**.
- **Tech Stack:** MERN Stack, Redux, JWT, MUI, Git.

Documind, *Adaptive RAG Agent with Reinforcement Feedback* 🔗
- **Tech Stack:** FastAPI, OpenAI API, React, Vector Embeddings, Postgres SQL.
- **Built a context-aware Retrieval Augmented Generation (RAG) system** capable of handling complex document queries with a hierarchical user system (Admin/Senior/Junior).
- **Designed a feedback loop mechanism (HITL)** that captures expert user corrections to iteratively refine vector search relevance, effectively fine-tuning the system's accuracy in real-time without model retraining.
- **Optimized retrieval latency and precision** by architecting a shared vector index strategy, allowing scalable knowledge management across distinct user groups.

AWARDS

Storage Wizard, *Gitcoin L2 Rollathon 2022* 🔗
- **Winner – Storage Wizard, Gitcoin L2 Rollathon:**
  Awarded for top IPFS/Filecoin integration in L2 blockchain;
  Runner-Up out of 800+ global teams, with **$6,000** in prizes & grants for open-source transaction optimizations.

2nd Position Winner, *Devfolio, HackMoreish* 🔗
- Secured **national runner-up** in competitive hackathon for innovative tech solution delivery.