

AMIT KUMAR SATAPATHY

amitkumarsatapathy645@gmail.com | [LinkedIn](#) | [GitHub](#) | +917008597653

EDUCATION

Bachelor of Technology in Electronics and Telecommunications

Veer Surendra Sai University of Technology, Burla

2021 – 2025

SKILLS SUMMARY

Languages: Python , C/C++ , JavaScript , HTML/CSS

Frameworks: React , Next, React Native, Restframework

Developer Tools & Others: Docker, Kubernetes, Git, GitHub, Postman, Linux, VSCode

Databases: MySQL, MongoDB

Coursework: Data Structure and Algorithms, DBMS, Operating Systems, Computer Networks, OOPs In C++

EXPERIENCE

Frontend Developer | React.js, Node.js, Git, GitHub, Postman, SEO

November 2023 - January 2024

Radical AI

Remote, India

- Developed and optimized **high-performance APIs**, reducing response times by **50%**, which significantly enhanced the overall **user experience** and improved customer engagement.
- Implemented **SEO strategies** that boosted the platform's **organic visibility** and search rankings, driving increased web traffic and online presence.
- Proactively identified and resolved technical issues, enhancing **user-friendliness** and ensuring a **seamless, intuitive interface** for end users across the platform.

Data Engineer | Python, Apache Kafka, Pandas, NumPy

May 2024 - June 2024

DRDO, Chandipur

Offline

- Developed and implemented an **automated liftoff detection system** for flight vehicles using **Python**, ensuring real-time accuracy and operational efficiency.
- Integrated **Apache Kafka** to streamline **data streaming** and **handling**, enabling smooth processing and analysis of large-scale, real-time flight data.
- Leveraged advanced data processing techniques to analyze **real-time flight telemetry**, ensuring precise and timely detection of critical events for improved decision-making.

PROJECTS

Snapbook | React JS, Appwrite, Shadcn, Tailwind CSS

[Link](#)

- Built a **modern social media app** with a visually appealing, **responsive UI** that provides a **native mobile-like experience** using **Shadcn** for design components and **Tailwind CSS** for efficient styling.
- Implemented **React Query (Tanstack Query)** to streamline **data fetching**, incorporating features like **automatic caching**, **parallel queries**, and **mutations**, significantly improving data retrieval performance and user experience.
- Leveraged **Appwrite** as a comprehensive **Backend as a Service (BaaS)** to handle **authentication**, **database management**, and **file storage**, speeding up development and ensuring secure, scalable backend operations.

JobX | React + Vite

[Link](#)

- Developed a **full-stack job portal** with automated job posting management using **cron jobs** for seamless operations.
- Designed a **dynamic, user-friendly dashboard** for employers and job seekers to manage job postings and applications efficiently.
- Utilized **Node.js**, **Express**, and **MongoDB** for server-side operations, ensuring robust job application tracking and management.
- Designed a **mobile-friendly UI** with a **bottom navigation bar**, enhancing the app's usability and ensuring a smooth, intuitive navigation experience across devices.

CODING PROFILES

1. [Leetcode](#) -solved 350+ problems

ACHIEVEMENTS

- Runners up of **Debug Battle 2022**.
- Solved 350+ problems on **Leetcode** with daily streak for over 200 days.
- Qualified the **Tata Imagination Challenge 2022**.
- Conducted many coding programs for my college..

CERTIFICATIONS

- Cisco Certification** [Link](#)
- Google cloud** Badge from Google Cloud Program [Link](#)
- Isro certification** for Cyber security [Link](#)