

Suryabrata Sahoo

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Work Experience

Appe Nexus

Dec 2024 – June 2025

Software Engineer

Gurgaon, India

- Contributed to the development of the admin dashboard for CheezeChoice, enhancing UI responsiveness and accessibility using React and Tailwind.
- Refactored backend modules for admin control flows, improving maintainability and reducing API response latency by **30%**.
- Collaborated with designers and backend engineers to implement role-based access control (RBAC), streamlining user management workflows.
- Optimized component rendering and state handling, reducing frontend load times by over **40%** in internal benchmarks.

Projects

Full Stack chat App

Github Link

- Implemented the frontend using React, Socket.IO, and Tailwind CSS, delivering a responsive and dynamic user experience with real-time updates.
- Developed backend services with Node.js, Express, and MongoDB, ensuring message delivery and persistence with optimized socket event handling.
- Integrated JWT-based authentication with role-based access and session expiration for secure access control.

RentEase-Property Renting

Github Link

- Developed server-rendered frontend using EJS templating with Express.js, creating dynamic pages for property listings, user dashboards, and booking confirmations.
- Implemented backend APIs in Node.js with Express, covering core features like authentication, booking flow, listing creation, and review management.
- Integrated Cloudinary for seamless property image uploads, automatic optimization, and responsive delivery.

Skills and Certifications

Programming Languages: Advanced Java, Python

Tech Stack: Next JS, React JS, REST APIs, Node.js, MongoDB

ML: Scikit-learn, Tensorflow, pyTorch, Github, Pandas, Numpy

Data & Messaging: MySQL, MongoDB, socket.io

Certifications: Machine learning - Andrew Ng (Stanford)

Education

Kendriya Vidyalaya, CMERI

July 2021 – June 2023

Senior Secondary (Computer Science)

Percentage: 91.6%

Vellore Institute of Technology (VIT-AP), Andhra Pradesh

Sep 2023 – Present

B.Tech in Computer Science and Engineering (CSE)

CGPA: 9.09

Achievements

- 1st Runner-up at GFG Hacktoberfest**, recognized for innovative problem-solving and full-stack implementation.
- Finalist in GDG Campus**, shortlisted among top student developers for outstanding contributions in tech innovation.