

Ayon Karmakar

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EDUCATION

PARUL UNIVERSITY

B.TECH IN COMPUTER SCIENCE AND
ENGINEERING - AI

November 2020 - Present

Gujarat, IN

CGPA: 8.69 / 10.0

SRI CHAITANYA SCHOOL

Hyderabad, Telangana

Class XII: 94.3%

SKILLS

EXPERIENCED

- Python & OOPS
- DSA
- SQL + DBMS

INTERMEDIATE

- C/C++
- Git & GitHub
- HTML & CSS
- JavaScript
- Linux shell script

Tools and Technologies:

- Django • REST-API • NodeJS
- PostgreSQL(RDBMS + ORDBMS)
- schema_design • AI Tools(GPT)

COURSES

Data Structures and Algorithms

Mathematics

Object-Oriented Programming (OOP)

Database Management Systems (DBMS)

Operating Systems

EXTRA CURRICULAR

- Leadership
- Team-Working
- Resourcefulness
- Interpersonal-Skill

EXPERIENCE

ENITIAE | SOFTWARE DEVELOPER INTERN

June 2023 – August 2023

- **Tech stack** : React JS | vite | API | JWT
- Developed robust applications, implementing secure authentication with **JWT**, integrating **Firebase** for seamless storage and real-time updates.
- Collaborating with cross-functional teams for high-quality and timely deliveries.

OPEN SOURCE | 20+ CONTRIBUTIONS

- 🏠 **RandomCoderOrg** | Open Source Developer
 - > Developed a project to run **Ubuntu on android** and achieved **900+ stars** on GitHub.
 - > Automated build & release strategies with Dynamic build and release system to create ubuntu linux tarballs and publish them for everyone with GitHub actions and releases.
- 🏠 **The-SDE-Prep** | Owner
 - > Open Source GitHub Repository with **60+ contributors** and achieved **100+ stars** on GitHub.

PROJECTS

STORE MONITORING | 🏠 GITHUB LINK | 📺 VIDEO LINK

- Designed & Developed a **RestAPI** with **Flask** to handle user requests and generate reports. Used **Postgres** database for **CRUD** operations, **Pandas** for data processing, and **psycopg2** for database communication.
- Implemented **logic** to compute hours overlap and uptime/downtime. Reports can be downloaded as CSV files. [Link]

FLIGHT TICKET BOOKING | 🏠 GITHUB LINK | 📺 VIDEO LINK

- Developed a **Django** based Flight Booking System with **token-based authentication**, **PostgreSQL** storage, and **SQLAlchemy** preprocessing. Enabled users to search, book flights, and manage bookings.
- Added admin functionality for flight management. Integrated frontend with **Django Template Language (Jinja)** and Bootstrap for user-friendly interface.

LANDING PAGE | 🏠 GITHUB LINK | 📺 LIVE LINK

- Build to learn **React** with responsive design (**CSS**), utilizing the fundamental concepts & code standards. Firebase **backend API** integration.

ACHIEVEMENTS

- Maximum rating of : **1777 (4 Star)** @CodeChef - 🏠 ayon_ssp.
- 600+ problems solved @Leetcode, @GFG & @Hackerrank.
- **Top 1** College Rank on CodeChef Platform.
- **Top 10** (out of 2100+) College Rank on **SAP Industrial 4.0** trainee.
- Global Rank: **50** (Division 2) in July Challenge 2021. [ranklist]
- **5 star** - @SQL.