Ayon Karmakar

(+91) 6302811751 | ayon.ssp@gmail.com | ayon-ssp | Ayon-SSP | portfolio

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/Java
- Git & GitHub
- HTML & CSS
- JavaScript
- Linux shell script

Tools and Technologies:
- Django • django-rest-framework
- django-templates • MVT
- PostgreSQL(RDBMS + ORM)
- MongoDB
- AI Tools(GPT)

COURSES

Backend Engineer
Data Structures and Algorithms
Database Management Systems (DBMS) + Object–relational mapping
Object Oriented design principles
Mathematics

EXTRACURRICULAR

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

EXPERIENCE

MASTEK | Oracle application developer Intern | Github Link
Jan 2024 – Apr 2024 | Ahmedabad, Gujarat, India
- Worked on **Oracle SQL & PL/SQL, JDBC, Core Java, OOPs, MVC, Java Advanced concepts including XML, and Web services. Also worked on JSP basics**.
- Leading a team of 5 interns to develop an Online Bookstore Management System, demonstrating expertise in **database design**, developing APIs, and Oracle DB.

ENITIATE | Software Developer Intern
June 2023 – August 2023
- Utilized **React.js** to develop secure applications, integrating **JWT** for authentication and Firebase for 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.

PROJECTS

BOOKIFY | Github Link | docs
- Developed Bookify, an online bookstore management system leveraging **Java, JSP, Servlets, and Oracle database**, emphasizing user authentication, scalability, book catalog management, and efficient order processing.
- Implemented MVC architecture, JDBC for database interaction, and meticulously designed models, DAO classes, and backend components for seamless functionality and enhanced user experience.

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 | Video
- Developed a **Django** Flight Booking System with **token-based authentication**, **PostgreSQL** storage, and **SQLAlchemy**. Users can search, book flights, and manage bookings.
- Added admin functionality for flight management. Integrated frontend with **Django Template Language** and Bootstrap.

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]**
- HackerRank **5 star** - **@SQL** & Leetcode **Top SQL 50**.