AYAN PAL

Software Engineer — Immediate Joiner

📞 +91-9749581462   ✉ ayanpaljob@gmail.com   in LinkedIn   ⌾ GitHub   🔗 Portfolio

Technical Skills

- **Programming Languages:** C, C++, JavaScript,Java
- **Technologies/Frameworks:** ReactJS, NodeJS, ExpressJS, MongoDB, MySql, Redux, Tailwind CSS, HTML, CSS, Material UI, Shadcn/ui, Git (GitHub)
- **Developer Tools:** VS Code, Postman, MongoDB Compass
- **cloud platforms:** Vercel, Netlify, Render

Coursework / Skills

- **Core Subjects:** Data Structures and Algorithms (DSA), Operating Systems, Computer Networks, Database Management System (DBMS), Object-Oriented Programming (OOPs)
- **Other Skills:** Software Development Lifecycle, Problem Solving, System Design, RESTful APIs

Projects

AuctionBharat - Auction Platform   [GitHub]/[Live Link]
- Developed a **full-stack auction platform** using the **MERN stack (MongoDB, Express, React, Node.js)** with a **responsive and scalable UI** powered by **Tailwind CSS**, ensuring real-time bidding and seamless cross-device experience.
- Implemented **user authentication** and **role-based access control** for **Auctioneers and Bidders**, enhancing security.
- Integrated **real-time email notifications** using **Nodemailer and EmailJS** to facilitate fast communication between users.
- Used **Cloudinary** for efficient media storage, allowing seamless handling of images and proof of payments.
- Designed a dedicated **SuperAdmin Dashboard** to monitor and control the entire system, enabling actions such as verifying commissions, tracking monthly revenue, monitoring user engagement, and deleting commission proof documents or auctions.
- Worked on enhancing both **Front-End interfaces and Back-End architecture** to ensure a seamless and high-performing auction experience.

GrabJob - Job Portal   [GitHub]/[Live Link]
- Designed a **scalable** and **high-performance** job portal using the **MERN stack (MongoDB, Express, React, Node.js)** to support thousands of job listings and applications.
- Engineered a **fully responsive and mobile-friendly UI** using **Tailwind CSS** and **shadcn/ui** to optimize user experience.
- Integrated **role-based authentication and access control** to **implement best practices** in security.
- Implemented **Cloudinary** for efficient media storage and optimized performance for uploading and retrieving job-related assets.
- I improved **frontend** user experience and **backend** system performance in a fast-paced environment, ensuring **integration and scalability**.

Codespace - Code Editor   [GitHub]/[Live Link]
- Developed a **online code editor** using **React.js, Material-UI**, providing a seamless coding experience.
- Integrated **React-Router-Dom** to create a **multi-page architecture** with enhanced navigation.
- Optimized **performance and state management** for smooth real-time code execution and editing.
- Ensured a **cross-platform responsive design**, making the application fully accessible on desktops and mobile devices.
- Followed **best practices** in front-end development to enhance the **scalability** of the **web application**.

Achievements

- **Solved 400+ DSA questions in GFG and Leetcode and Code Studio with a GFG coding score of 1076.**   **GFG**/**Leetcode**

Education

Academy Of Technology, Adisaptagram	Kolkata ,West Bengal
B.Tech - Computer Science And Engineering — CGPA: 8.05 (upto 7th SEM)	July 2022 - June 2025
K.G. Engineering Institute,Bishnupur	Bankura ,West Bengal
Diploma - Electrical Engineering — CGPA: 8.4	July 2019 - June 2022