Candidate Code - CC0805

Technical Skills

Programming Languages: C++, Java, JavaScript
Web Development: MongoDB, Express.js, React.js, Node.js, Next.js, CSS, SQL, RESTful APIs
Computer Fundamentals: Data Structures and Algorithms, Operating Systems, Object-Oriented Programming, Database Management Systems, Computer Networks
Tools: Git, GitHub, Postman
Interpersonal: Leadership, Teamwork, Event Management

Experience

Online Assignment Submission Portal   **Dec 2024 – April 2025**
Department of Computer Science and Engineering, BIT Mesra   *Ranchi, Jharkhand*

- Designed and deployed a robust **Online Assignment Submission Portal** under the guidance of Prof. Dr. A Mustafi, facilitating seamless assignment creation and submission.
- Developed a scalable and user-friendly platform using **ReactJs**, **ExpressJS**, **MongoDB**, **Nodemailer**, and **Tailwind CSS**.
- Implemented and optimized **RESTful APIs** to support efficient CRUD operations, ensuring high availability and consistent performance under heavy concurrent loads.
- Integrated secure, stateless **JWT authentication** with bcrypt, achieving a **99% authentication success rate**, enhancing system security and scalability for both user and admin access.
- Developed real-time chat and notification features using **Socket.IO**, enabling seamless communication.

Projects

RentEase | *Node.js, Express.js, EJS, Bootstrap, MongoDB Atlas, Passport* | 🔗**Rent for vacation** | 🔗**Github**

- Designed and implemented a responsive UI using Embedded JavaScript (EJS), ensuring a seamless experience across devices.
- Developed backend RESTful APIs to handle listings, bookings, and reviews.
- Utilized middleware for request handling and error management, improving performance.
- Integrated secure user authentication with Passport and Passport-Local.

GitGpt | *Next.js, TailwindCSS, Prisma, Clerk, TRPC, Gemini API, AssemblyAI* | 🔗**Live** | 🔗**GitHub**

- Built an AI tool that summarizes GitHub commits and answers repository-related questions using Gemini API.
- Added feature to upload MP4 meeting recordings and generate summaries using AssemblyAI and Gemini.
- Integrated **Stripe** to manage secure payments for premium features.
- Used stack: **Next.js**, **TailwindCSS**, **Prisma**, **TRPC**, **Clerk**.

Achievements

- Solved **1200+** questions on Leetcode, Codeforces, Codechef combined showing advanced Technical Competency.
- Achieved **Knight** rank on Leetcode with a rating of **1862**
- Global rank of **291** in Codechef Starters 147 (div 3) contest of Codechef among **21000+** contestants.
- Acheived **Specialist (max. 1402)** in Codeforces and **3 Star rating** in CodeChef .
- Won **3rd** prize among **100+** teams in Science exhibition of school. Created Laser based security system.
- Certified in DSA in Java by Apna Collage (20th Dec 2023).
- Selected for the Google India Student Launchpad 2025, an invite-only mentorship and learning program conducted by Google India's Talent Engagement Team. 🔗**Link**
- Spearheaded development of Online Assignment Portal as Project Lead, managing 6-member cross-functional team, resulting in 95% reduction in submission processing time.

Position of Responsibility

IEEE - Student Branch, BIT Mesra - Member, Tech Team   **Jan 2024 – Present**

- Instructed **100** students in C++, addressing individual coding challenges and enhancing understanding of complex algorithms.
- Conducted a hackathon during Pantheon with participation of **40+** teams .