SHUBH DEO

+91 9810343051 ⋄ Noida, Uttar Pradesh

subh2897@gmail.com ⋄ shubh-deo.netlify.app ⋄ linkedin.com/shubh-deo ⋄ github.com/ShubhDeo ⋄ leetcode.com/mell0

EDUCATION

Indian Institute of Information Technology, Gwalior · Expected Jun 2024
Integrated B.Tech and MBA in Information Technology · CGPA: 7.49/10
Coursework: Data Structures and Algorithm, Object Oriented Programming, DBMS, Operating System, Networking.

SKILLS

Languages: C, C++, Javascript, Typescript, Python
Databases and DevOps: MySQL, MongoDB, Redis, Firebase, Docker
Frameworks & Libraries: ReactJS, NodeJS, JWT, Redux, Material UI, Tailwind CSS

EXPERIENCE

Compact Gyan · Jun 2021 - Aug 2021
Full Stack Developer Intern - ReactJS, NodeJS, Redux, MongoDB · *Remote*

- Built an **Inventory Management System** for School ERP with streamlining indents, purchases, and tracking of items for the institution.
- Spearheaded the design and development of an innovative **ID Card Generator and Issue Management System**; **saved 20+ hours per week** in manual processing, improving efficiency and accuracy of opinion collection for students and employees.
- Took ownership of assigned modules, implementing enhancements and resolving complex technical issues, showcasing problem-solving and debugging skills.

PROJECTS

PolyIDE - ReactJS, NodeJS, MongoDB, Redis, Docker · Mar 2023

- Developed a scalable, secure, and customizable **Remote Code Executor** supporting C++ and Python languages.
- Utilized **Bull Queue** for handling multiple concurrent user requests and parallel job processing.
- Server creates a **Docker container** for isolated code execution enabled with **timeout(10s) and maxBuffer(5MB)** settings preventing performance issues and enhancing security.
- Integrated **Redis Cache** to significantly **reduce response time from 110ms to 15ms** for job requests.

Digi Shop - ReactJS, NodeJS, Redux, MongoDB · Jun 2022

- Programmed a feature-rich **e-commerce** website with essential functionalities such as a comprehensive shopping cart, top products carousel, product reviews, ratings and admin portal for product management.
- Integrated online payment using the **Razorpay API** and Cash on Delivery (COD) feature.

ACHIEVEMENTS

- **Knight Badge** holder on Leetcode with a rating of 1881 (recognized as top 5% worldwide).
- Ranked **1204th out of 18,643** participants globally in Leetcode Weekly Contest 329.
- Attained a global ranking of **1313th out of 21,918** participants in Leetcode Weekly Contest 327.
- Achieved **Level 2** qualification in Flipkart GRID 4.0.
- Led a team of 100 students as **House Sports Captain** at URJA 2023.
- Achieved the position of **Science stream topper** in Class 12th with **96.8%**.