Raj Shende

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OBJECTIVE

As a final-year student, I am enthusiastic about full-stack web development and skilled in problem-solving. I am eager to apply my knowledge and abilities to create effective solutions and contribute to professional projects

EDUCATION

Bachelor in Computer Engineering   *Pune, India*
Pune Institute of Technology (*PICT*)   *Expected 2024*
CGPA - 9.34

EXPERIENCE

Software Engineering Intern   *Jun 2023 - July 2023*
TraceLink   *Pune, India*

- Developed a robust MERN stack-based system with Redis, AWS, for generating and visualizing performance reports.
- Implemented an admin-based access control mechanism to ensure secure system access, enabling authorized personnel to effectively manage and monitor reports.
- Designed and implemented an interactive dashboard with graphs and tables, allowing employees to assess system performance and identify areas for improvement. Additionally, automation reduced the time-consuming manual tasks, improving efficiency from 3-4 minutes to just 30 seconds.

Fullstack Developer Intern   *May 2021 - Jun 2021*
Rebert Technology   *Pune India*

- Contributed to the collaborative development of a user-friendly web platform for property dealers, emphasizing enhancements to the user interface.
- Implemented intuitive user interfaces using React.js, utilizing table structures to efficiently organize and present large datasets while providing seamless access to printable versions for generating hard copies.

PROJECTS

Online Judge Platform (OJ) / *Node.js, Redis, Docker, React.js, MongoDB, Redux*

- Led the development of a full-stack online judge platform. Enabled users to submit, run, and evaluate code for diverse programming problems.
- Implemented Redis pub-sub model to manage concurrency efficiently.Utilized Redis queues for handling multiple user code submissions concurrently.
- Employed Docker containers for secure and isolated execution of user-submitted code. Ensured platform stability and security by encapsulating code execution within containers.. Github Link

One Point Document Verification - Smart India hackathon 2022 / *React, Tailwind, Redux*

- Created a streamlined student and faculty verification portal, enabling colleges under AICTE to efficiently validate and verify data.
- Implemented a user-friendly solution that significantly reduced manual processing time by seamlessly integrating and checking data from various source points such as UID, PAN, and NPCI.
- Additionally, incorporated live image sharing for face verification, enhancing the professionalism and security of the verification process. Github Link

Xeniaverse / *React,Redux*

- Build the website for the PICT CSI student branch annual event Xeniaverse where user can register for different event and pay for tickets.
- The platform recorded about 3000+ registration Github Link

TrailTrekker - Web Development / *Nodejs, MongoDB, Express.*

- This is a website where authorized users can create and review campgrounds, comment on others campgrounds.
- User profiles include information of user,their campgrounds, and the option to edit or delete their account. Github Link

TECHNICAL SKILLS

Languages	C,C++,Javascript
Frameworks and Libraries :	HTML, CSS, Node.js, ExpressJS, SQL (MySQL), MongoDB, Docker, Redis
Developer Tools:	Git, VS Code, GitHub, Postman
Courses:	Data structures and Algorithms, Object Oriented Design, DBMS, OS, Computer Networks
Problem Solving :	Leetcode (500+ problems),GeeksForGeeks (250+ problems), Codeforces (Pupil 1317-Max)

ACHIVEMENTS

- **Smart India Hackethon Winner** - Winner of Smart India Hackathon 2022 under Senior Division (Problem Statement DR727)
- **Ideazest**- Secured 2nd rank in Ideazest in PCSB event. where we proposed prototype idea based on blockchain technology.
- **WEB Head**- at CSI student branch