Pranav Kumbhalkar

Maharashtra, India | pranavkumbhalkar5@gmail.com | +91-7558679782 | my portfolio

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Summary

Computer Science graduate (2024) with a strong foundation in Object-Oriented Design, Algorithms, Data Structures, and System Design. Proficient in Java, C++, and JavaScript, with hands-on experience in building scalable, distributed systems and optimizing performance. Passionate about developing fault-tolerant, high-performance applications and solving complex problems at scale.

Education

Ramdeobaba College of Engineering and Management, B.Tech in Information Technology | May 2020 – May 2024

- **CGPA**: 9.31/10.0
- **Coursework:** Data Structures and Algorithms, Database Management Systems, Operating Systems

Experience

Package Application Development Associate, Accenture – Pune, India | Aug 2024 – Present

- Engineered secure, scalable solutions using CyberArk for Privileged Access Management, ensuring 100% isolation and real-time monitoring.
- Optimized system performance and scalability by implementing efficient workflow automation in a distributed computing environment.
- Designed and integrated fault-tolerant storage solutions, enhancing security and reliability of access management.

Software Engineer Intern, Hakxcore – Remote | Jan 2024 – April 2024

- Designed and implemented secure authentication flows using Next.js, React, and RESTful APIs, ensuring scalable user access management.
- Optimized backend database queries, reducing response times by 40%, and improving system performance.
- Developed cloud-based web solutions, leveraging distributed architecture for scalable and high-performance applications.

Technologies

- **Programming Languages**: Java (Proficient), C++, JavaScript.
- **Frameworks/Libraries**: React, Redux, Spring.
- **Tools**: VS Code, Git.
- **Other Technical Skills**: Cloud Computing, Linux.
- **Databases**: Oracle SQL, MongoDB, Firestore.
- **Web Technologies**: HTML, CSS.

Projects

Kanban Board | link: kanban-board

- Built a real-time task management system, integrated with a scalable backend, ensuring fault tolerance and high availability.
- Improved performance by optimizing state management and asynchronous API calls, reducing load time by 30%.
- **Tools Used**: React, Redux, HTML, CSS, JavaScript

Hash Maker | link: hashMaker

- Developed a high-performance hashing tool that generates SHA-1, SHA-256, MD5 hash values efficiently.
- Integrated Web Workers to optimize hash computations for large data streams, reducing execution time by 50%.
- **Tools Used**: React, HTML, CSS, JavaScript.

Accomplishments

- Secured **3rd place** in a coding contest by the Technical Club of RCOEM
- **Awarded a scholarship of INR 10,000** for maintaining a **9.31 CGPA**
- Solved **1,750+ problems** on Code360 and **250+** problems on LeetCode

Coding Profiles

- **LeetCode profile**: pranav1817
- **Code360 profile**: pranav1817