

Bhushan Kohpare

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EDUCATION

- College Of Engineering Pune** Pune, India
Bachelor of Technology - Computer Engineering; CGPA: 8 July 2020 - June 2024
Courses: Operating Systems, Data Structures, Design Analysis Of Algorithms, Artificial Intelligence, Machine Learning, Reinforcement learning, Computer Networking, Database and Management Systems, Data Science, System Programming , GPU Architecture and programming , Compiler Design

PROFESSIONAL SUMMARY

Full Stack Developer and iOS specialist with a focus on **modernizing workplaces** through strategic initiatives. Proven expertise in **project support** and **solutions-oriented problem-solving**. A **resourceful team player** driving **innovation and efficiency** in diverse development environments.

SKILLS SUMMARY

- Languages:** C, C++, CUDA, Java, Python, Swift, Kotlin, JavaScript, SQL, HTML, CSS
- Frameworks:** NodeJS, ReactJs, Angular
- Tools:** RestAPI , Git, GitHub, MySQL, Xcode, VSCode, Firebase
- Platforms:** Linux, IOS, Windows

WORK EXPERIENCE

- Bajaj Finserv, Pune, India** Onsite
Mobile Developer Intern Jan 2024 - Present
 - Facilitated Cross-Platform Project Collaboration:** Contributed significantly to native iOS and cross-platform PWA projects, fostering seamless collaboration with diverse teams for effective integration.
 - PWA Performance Optimization:** Optimized critical feature in a PWA by implementing advanced caching and resource optimization techniques, resulting in a 40 percent increase in page loading speed and a 25 percent boost in user engagement metrics.
 - Elevated Technical Skill Proficiency:** Acquired hands-on expertise in Angular, Kotlin, and Swift, elevating proficiency and broadening the technical skill set.
 - Championed Interdepartmental Collaboration:** Collaborated synergistically with team members across departments, cultivating a cohesive work environment conducive to achieving shared objectives.

PROJECTS

- ShopVista - Ecommerce site (Web Application):** Developed a fully functional e-commerce website utilizing the MERN stack. Integrated React for the front-end, Express.js and Node.js for the back-end, and MongoDB for the database. Implemented features such as user authentication, payment gateway integration, product browsing, shopping cart management, and order tracking. Ensured robust security measures. (May '23)
- Signal Implementation in XV6 OS (Operating System):** Executed the implementation of signal functionality in xv6, incorporating system calls, signal handlers, masking, and enabling inter-process communication and event handling capabilities. (April '23)
- HTTP Server (Computer Network):** Developed a Simple HTTP Server supporting GET, POST, PUT, HEAD, DELETE requests using Python. (November '22)
- Malicious Site Detection Using Bloom Filter (Advanced Data Structures and Algorithms):** Applied advanced data structures in a real-life scenario, showcasing browser searching techniques. Implemented a 2-level Bloom filter to enhance efficiency. (January '22)

CERTIFICATIONS

- NPTEL GPU Programming and Architecture Certification
- NPTEL RL Certification

HONORS AND AWARDS

- Successfully Completed Hacktoberfest Challenge - Oct, 2023
- Runner Up at Coding Competition organized by Computer Society of India , COEP - Jan, 2023
- Runner Up at Coding Competiton organized by ASCI Society - Sept, 2022

VOLUNTEER EXPERIENCE

- Accounts Coordinator, Mindspark'21** Pune, India
Managed the Accounts portfolio and orchestrated online and offline technical events Oct 2021
- Event Organizer, Blood Donation Camp by Spandan** Pune, India
Successfully coordinated and managed a blood donation camp held at the college Jan 2022