

SAKSHI DHAVALSHANKH

Irvine, California

+91 9421850451

✉ sakshid72000@gmail.com

🌐 [linkedin.com/in/sakshi-dhavalshankh](https://www.linkedin.com/in/sakshi-dhavalshankh)

🐙 github.com/sd1810

Education

University Of California Irvine

September 2024 – December 2025

Master's in Computer Science

Irvine, California

Courses - Operating Systems, Database Management, Advanced Programming Problem Solving.

Pune Institute Of Computer Technology

July 2018 – April 2022

Bachelors of Engineering in Information Technology CGPA - 9.56/10

Pune, India

Courses - Distributed Systems, Computer Architecture, Web Development, Data Structures, Computer Networks, Software Engineering.

Technical Skills

Programming Languages and Web: Core Java, C, C++, HTML/CSS, JavaScript, Typescript, REST API, MongoDB, SQL

Frameworks: AngularJS, Springboot, JUnit, Express, Kafka

Developer and DevOps: Git, GitLab CI/CD

Experience

BNY Mellon

July 2022 – August 2024

Senior Fullstack Engineer

Pune, India

- Spearheaded **design and implementation** of a modernized user interface for Baseline, an innovative workflow orchestration tool, resulting in a increase in client satisfaction and engagement.
- **Created over 15 configuration screens** in AngularJS, addressing process, notification, and dashboard needs.
- Led migration to a **Multi-tenant Architecture**, improving scalability and reducing onboarding time for new users by 22%.
- Identified and mitigated **critical security vulnerabilities**, ensuring protection against potential threats.
- Mentored and onboarded 8 new hires and interns, facilitating integration and boosting team productivity within first 3 months.

BNY Mellon

January 2022 – June 2022

Software Development Engineer Intern

Pune, India

- Mastered AngularJS and Java, resulting in robust web application development improving user engagement, while reducing server response times by 20%.
- Delved deep into intricate **Microservices Architecture** that underpinning Baseline application's robust framework, facilitating more efficient and effective development.
- Implemented "What's New" section, increasing user engagement by showcasing latest updates and features.

Projects

Code-Collab Hub | *ReactJS, Express, MongoDB*

January 2022

- Built a dynamic platform empowering students to collaboratively engage in technical projects and explore project concepts with ease.
- Integrated real-time chat rooms and video conferencing capabilities via Zoom API, enhancing user interaction and collaboration.
- Optimized backend services for performance and scalability, resulting in a 40% reduction in response times.

Discord Stock Bot | *Nodejs, Python*

July 2021

- Developed a Discord Bot delivering daily stock updates based on company names.
- Implemented comprehensive data visualization using library Chart.js, providing users with intuitive graphs and charts.
- Designed custom commands for seamless user interaction, enhancing bot's usability and functionality.

Extracurricular

- Developed award-winning website for flagship event Pulzion, earning "Outstanding Chapter Website Award".
- Organized C++ study sessions, aiding peers in learning programming.
- Active member of Abstract Room, a community of book lovers.
- Core member of **TechX**, a community of top 1% software engineers in India, organizing and managing tech events and workshops.