

Mohit Balwani

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EDUCATION

Sinhgad College of Engineering

Bachelor of Engineering (B. E.) in Computer Science

Pune, India

Aug. 2019 – June 2023

EXPERIENCE

Software Development Engineer

July 2023 – Present

PTC

Pune, India

- Spearheaded the creation of dynamic web components from inception to implementation using Lit Element and Vanilla JavaScript, showcasing proficiency in front-end technologies.
- Actively collaborated with UX professionals and Testers within an Agile framework, ensuring seamless integration of components and alignment with project requirements.
- Systematically diagnosed and resolved a myriad of bugs within web components, demonstrating a keen ability to troubleshoot and optimize code for enhanced performance and user experience.
- Developed a streamlined automation script using Handlebars.js, empowering developers to effortlessly update web component's README. This innovative solution eliminated the need for manual updates, significantly enhancing efficiency and maintaining consistency across documentation.
- Led the migration initiative of web components from Stencil to Lit, seamlessly integrating them into our Lit-based library. This strategic transition not only ensured compatibility but also expanded the diversity of components within our library, contributing to a more robust and cohesive front-end architecture.
- Spearheaded the seamless upgrade of Storybook from version 6.5 to 7.1, implementing a meticulous process to ensure compatibility and stability. This proactive approach not only kept our development environment up-to-date but also leveraged the latest features and improvements, enhancing the overall efficiency of the project.

Software Engineer Intern

June 2022 – June 2023

PTC

Pune, India

- Implemented a cutting-edge regeneration hash checker within the retrieval tests, revolutionizing production processes for over 2 million documents.
- Pioneered the introduction of a new failure category, streamlining manual checking and investigation tasks, resulting in significant time savings for individuals.
- Spearheaded the development of an internal, user-friendly dashboard tool that displays failed Onshape Documents and their corresponding flaky categories. This innovative solution is set to transform the overall investigation procedure.
- Gained extensive hands-on experience with a wide range of technologies, including Java, C++, VueJs, and MongoDB.

PROJECTS

Reel Rover [\[link\]](#)

- A movies application where the user is presented with the current trending movie lists.
- Features: Bookmarking, Searching, and Sorting based on different filters.
- It is a dynamic website made using technologies like ReactJS, Tailwind CSS, and TMDB API.

Healthy Harvest [\[link\]](#)

- A website for farmers to list their crops, sell them directly to customers and apply to schemes.
- Tried to make the UI simple, clean and attractive and also built a custom logo using Figma.
- It is a client-side project that is built using technologies like ReactJs, NodeJs and Bootstrap.

TECHNICAL SKILLS

Languages: Java, Python, C++, JavaScript, HTML/CSS

Frameworks: React, Node.js, Express, Bootstrap

Developer Tools Git, Github, Docker, VS Code, IntelliJ, Eclipse