

# Swati Saxena

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## EDUCATION

### California State University, San Bernardino

San Bernardino, CA

*Masters of Science in Computer Science*

*May. 2025*

GPA: 4.0/4.0

### Lovely Professional University

Punjab, INDIA

*Bachelor of Technology in Computer Science*

*Jul 2020*

GPA: 7.01/10

## TECHNICAL SKILLS

**Programming Languages:** Javascript, Typescript, HTML, CSS, Python, C, C++, SQL

**Courses:** Data Structures & Algorithms, Databases, Software Engineering, Operating Systems, AI

**Frameworks:** React, Redux, VueJS, AngularJS, NodeJS, Express, Material-UI, Antd, chartJS, MongoDB

**Developer Tools:** Git, VS Code, Visual Studio, PyCharm, IntelliJ, Linux platform

**Certifications:** Data Science Nanodegree(Udacity), Algo Expert, javascript web Projects

## EXPERIENCE

### Software Engineer (UI/Web)

Apr 2023 – July 2023

*OPTX India Private Limited*

*Chennai, India*

- Collaborated with a 10-member team to enhance a high-performing unified enterprise experience, enabling seamless data access, automated event tracking in dispatch, and the creation of a customizable slot floor visualization for enhanced productivity and reporting.
- Implemented UI features in production, and rebuilt the product beta version with code standards, resulting in more performant sites.
- Engineered features and unit test cases using ReactJs, Redux, JavaScript, TypeScript, and amChart. Integrated pipelines on Microsoft Azure DevOps for code quality assurance and deployment

### Software Engineer (Fullstack)

Nov 2020 – Apr 2023

*Snapbizz Cloudtech Private Limited*

*Bengaluru, India*

- Collaborated in a team to design an automated retailer dashboard, simplifying tasks and saving time for users, resulting in smoother work processes for retailers.
- Contributed to the design and development of a retailer portal dashboard, introducing features such as inventory management, stock transfers, and purchase invoice management with unit test cases.
- Built production feature using various technologies like ReactJs, Redux, CSS, Chartjs, and JavaScript to create an intuitive and user-friendly dashboard.

## PROJECTS

### BLOGCONNECTOR: A Social Application | *React, Redux, CSS, NodeJS, MongoDB*

Aug 2023 – Sep 2023

- Developed Blog Connector, a secure social application enabling user sign-up and sign-in with robust JWT-based authentication.
- Implemented user profile customization, allowing users to add their experiences and projects. Additionally, users can explore other bloggers' profiles, access a social media platform, and post blogs. They can interact with blog posts by liking, disliking, and leaving comments.
- Utilized a technology stack that includes React, Redux, Nodejs, CSS, HTML, and MongoDB to build a dynamic and user-friendly social platform.

### TYPINGGAME: To Save Planet | *HTML3, CSS, Javascript*

Jul 2020 – Aug 2020

- Developed a captivating typing game where players are presented with words to type, with three incorrect attempts resulting at the end of the game. The game comprises five levels, and players who successfully complete all levels are declared winners, with pop-up notifications for both wins and losses.
- Implemented a tracking system that records and displays the player's accuracy by counting both correct and incorrect words typed, in addition to calculating the overall average typing speed.
- Built using JavaScript, CSS, and HTML, this project offers an engaging and challenging gaming experience while providing performance statistics to players.