

## Summary

Final-year Computer Engineering student with an 8.29 CGPA and demonstrated expertise in full-stack development using the MERN stack and Java. Seeking to apply proven skills in building and optimizing real-world applications like FarmFresh and Stitch-Sevi to a dynamic software development role.

## Certifications

- C/C++ course (BCE, 2022) [linkedin/certifications](#)
- Data structure and algorithms with C++ (BCE, 2023)
- Full Stack Web Development (BCE, 2023)
- MERN Stack Web Development (BCE, 2023)
- JAVA Development (BCE, 2024)

## Projects

### Stitch-Sevi [github.com/stitchsevi](#)

- Engineered Stitch-Sevi, a Java-based application tailored for tailoring businesses with MySQL for secure data handling.
- Reduced order processing time by an estimated 25% by creating a digital system for customer measurements, order tracking, and billing.
- Improved operational efficiency by designing a modern JavaFX UI that minimized data entry errors and provided at-a-glance order status.

**Technologies:** Java, JavaFX, MySQL

### FarmFresh [github.com/farmfresh](#)

- Developed a MERN stack platform to connect local farmers with consumers, enabling direct-to-market sales channels.
- Designed an intuitive user interface with ReactJS and TailwindCSS, leading to positive user feedback on ease of navigation.
- Implemented MongoDB for efficient CRUD operations and integrated user authentication with JWT tokenization.
- Enhanced user experience by implementing an advanced search and tailored dashboards, which streamlined produce discovery for consumers and simplified sales management for growers.

**Technologies:** ReactJS, TailwindCSS, MongoDB, NodeJS, Express.js, Axios

### HelpRx [github.com/HelpRx](#)

- Architected a secure, full-stack web application for community medicine donation, utilizing RESTful API with NodeJS and MySQL to handle all backend logic, database interactions, and user authentication.
- Increased user task efficiency by 50% by developing an intuitive front-end with customized dashboards and a streamlined search feature for posting and finding contributions.

**Technologies:** HTML, CSS, JavaScript, jQuery, NodeJS, Express.js, AJAX, JSON, MySQL

## Skills

**Programming Languages:** C, C++, Java, JavaScript, SQL, Python

**Technologies:** MERN - MongoDB, Express.js, React.js, NodeJS, HTML, CSS, Javascript, REST API, Git, jQuery, AJAX, JSON, Bootstrap, Tailwind CSS, Axios, JavaFX

**Databases:** MySQL, MongoDB

## Education

**Thapar Institute of Engineering and Technology** [Patiala, Punjab](#)  
Bachelor of Engineering in Computer Engineering, CGPA: 8.29 (Till Date) [2022 - 2026](#)

**Sanawar An Institute For Children**, XII, CBSE, 91.8% [2022](#)

**St. Xavier's Senior Secondary School**, X, CBSE, 92.8% [2020](#)

## Leadership & Activities

**Team Leader: Automatic Path Following Buggy Project** [Jan 2024 - July 2024](#)

- Led a team of 5 in designing circuits, placing components, and developing control software.
- Successfully navigated all obstacles to win the "Gold Challenge", resulting in a feature on the official College LMS.