

Sagar Jain

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EDUCATION

Thapar Institute of Engineering & Technology <i>Bachelor of Engineering in Computer Science & Engineering</i>	Patiala, Punjab 2022 – 2025
Lovely Professional University <i>Polytechnic Diploma in Computer Science & Engineering</i>	Jalandhar, Punjab 2021
Pinegrove School <i>Class X, CBSE</i>	Dharampur, Himachal Pradesh 2018

EXPERIENCE

SAP ABAP Developer Intern <i>Sonalika International Tractors Ltd.</i>	Feb 2025 – June 2025 <i>Hoshiarpur, Punjab</i>
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- Led the digital transformation of the Production Part Approval Process (PPAP) by developing custom SAP ABAP transactions (ZISA_INIT, ZPPAP).
- Automated multi-departmental workflows with real-time tracking and ALV dashboards, replacing manual paper-based systems with a secure digital ecosystem.
- Streamlined enterprise workflows and improved data accessibility through custom transaction development.

PROJECTS

Cashierless Retail System <i>Android Studio, Firebase, Arduino, CNN, RFID</i>	Jan 2024 – Jan 2025
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- Developed a Android application using Android Studio that enables customers to initialize a virtual cart by scanning a hardware-mounted QR code.
- Integrated Arduino and RFID sensors to automatically add products to the digital cart upon physical selection.
- Implemented a CNN-based face-scanning lock for age-restricted sections, ensuring automated compliance and security.

Personal Blog Platform <i>Node.js, MongoDB, RESTful APIs, EJS, Bootstrap</i>	Oct 2023 – Mar 2024
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- Developed a full-stack blogging platform supporting end-to-end CRUD operations for seamless content management.
- Designed responsive front-end views using EJS templates and Bootstrap to ensure cross-device compatibility.
- Integrated secure user authentication and middleware-driven form validation to enhance data security and integrity.

The Fabric Studio <i>HTML, CSS, JavaScript, PHP, MongoDB</i>	Feb 2023 – Aug 2023
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- Developed a comprehensive tailoring platform for local manufacturers to showcase services and manage business operations.
- Built user-specific features for order management, product cataloging, and appointment viewing to streamline business-customer interactions.
- Utilized a full-stack approach with MongoDB for data persistence and a responsive frontend for enhanced user experience.

TECHNICAL SKILLS

Languages: C Language, JavaScript, SAP ABAP, SQL
Web & Backend: HTML5, CSS3, PHP, Node.js
Databases: MongoDB, Firebase Realtime Database
Tools & Software: Selenium, Adobe Photoshop

CERTIFICATIONS & LANGUAGES

Xebia Certified Full Stack Professional | *Full Stack Web Development* 2025
Languages: English, Hindi, Punjabi