

Sahil Sharma

📞 (+91) 7901749189

✉️ vlsharma713@gmail.com

🌐 sahilsh.me

🌐 [Sahil Sharma](#)

🐙 [sahilsh-dev](#)

Education

Chandigarh University

2021-2025

B.E. in Computer Science and Engineering

Experience

FreJun

Feb 2025 – Present

Integration Engineer Intern

- Developed integrations with multiple CRM platforms (Salesforce, HubSpot, Microsoft Dynamics) that reduced data synchronization latency by 40% and streamlined customer data flows.
- Worked in a fast-paced environment with cross-functional teams to standardize data mappings, cutting integration errors by 30% and boosting overall data accuracy by 25%.
- Engineered robust APIs handling over 1,000 data transactions per hour, ensuring real-time updates and scalable system performance.

Projects

North Chat 🔗 | Python, Django, React.js, Redis, WebSockets, Docker 🐙

Mar 2025

- Engineered a real-time chat platform with React and Django Channels supporting 500+ users and reduced latency by 35% using Redis caching.
- Designed a responsive frontend using React and shadcn/ui, improving UI consistency by 40% and enabling cross-device compatibility with TailwindCSS.
- Used Redis as backing store and for updating user online status on server reducing update times by 80%.
- Integrated WebSocket-based event handling to achieve sub-200ms message delivery, enhancing user engagement metrics by 25%.

Swift Forms 🔗 | Python, FastAPI, Javascript, NLP 🐙

Dec 2024

- Developed a FastAPI backend to implement machine learning models for intelligent question answering in Google Forms, improving response accuracy by 25%.
- Built a Chrome extension to seamlessly integrate the solution into users' browsers, increasing adoption rate by 40% through an intuitive and efficient user interface.
- Demonstrated strong skills in backend development, API integration, and machine learning application, enabling real-time interactions for over 150 users during initial testing.
- Achieved a 60% reduction in user form completion time by automating question suggestions.

Online Mart 🔗 | Python, Flask, Bootstrap, HTMX, Stripe, Docker 🐙

Feb 2024

- Created a robust ecommerce website using Python Flask with Stripe for handling transactions.
- Integrated HTMX library for seamless front-end and back-end interaction, reducing code base by 15%.
- Devised user registration, login, and authentication features, securing access for 500+ users.
- Utilized Flask SQL Alchemy for efficient database management, enhancing data retrieval by 20%.

Technical Skills

Languages: Python, Javascript, Typescript, Golang, HTML/CSS, SQL

Databases: PostgreSQL, MongoDB, MySQL, SQLite

Technologies: Django, FastAPI, Flask, Node.js, Express.js, React.js, Next.js, Redis, Docker, Kubernetes, Selenium, AWS, Grafana, Git, Shell Scripting, Unix/Linux

Publications and Achievements

- Published research paper titled "Frostbite Detection: A Convolutional Neural Network Approach for Automatic Frostbite Detection."
- Published paper titled "Customer Sentiment Analysis for E-Commerce: A Hybrid Approach Using CNNs & BERT."
- Achieved top runner-up at HackOverFlow 4.0, a university-level hackathon, and secured a cash prize of 60,000.