

Skills

- **Programming Languages** : C++, HTML, Javascript, CSS, Java, Python, C, TypeScript
- **Libraries and Frameworks** : Spring Boot, Next.JS, Node.js, React, Redux, Express.js, Firebase
- **Tools** : No SQL, MongoDB, MySQL, PostgreSQL, SQL, Git, REST API, postman, GitHub, AWS, Microservices, Selenium, Docker, Kubernetes, CI/CD, MEAN, MERN, Visual Studio, NumPy, Excel

Experience

Software Development Engineer Sunstone (ALTA School Of Technology)	Jan 2026 - Present
<ul style="list-style-type: none">• Built and scaled an internal student assessment & analytics dashboard using React, Node.js, and SQL, supporting 1,000+ learners and improving evaluation throughput by 40%.• Implemented RBAC, automated grading pipelines, and reusable UI components, reducing manual intervention by 45% and improving platform reliability by 35%.• Mentored and guided 500+ students in full-stack development concepts and DBMS through hands-on labs, real-world project work, and structured assessments, leading to improved submission quality and learning outcomes.	
Frontend Developer Authority Entrepreneurs	Jul 2025 - Oct 2025
<ul style="list-style-type: none">• Built and customized high-traffic GoHighLevel funnels using React, improving lead capture efficiency by 32% through refined UI flow, routing, and form interactions.• Refactored 8+ funnel pages into modular, reusable React components, reducing front-end load time by 18% and improving Lighthouse accessibility scores by 25%.• Integrated GoHighLevel Forms with custom Node.js REST APIs, strengthening data pipelines and reducing submission failures by 40% across production funnels.	

Software Development Engineer Rakatu	Nov 2024 - Jul 2025
<ul style="list-style-type: none">• Engineered key web modules using React, HTML/CSS, and Spring Boot microservices, enhancing UI responsiveness and cutting load times by 20% across critical pages.• Orchestrated REST-based microservice interactions and upgraded data pipelines, increasing service reliability and reducing response latency by 25%.• Implemented secure credential workflows using PAM tools like Password Safe, enabling automated password rotation and strengthening access control across internal systems.	

Projects

SQL Text Converter | Python, Flask, React, JavaScript, CSS, MySQL

🔗 <https://github.com/harsh-sangwan2002/sql-text-converter>

- Engineered an AI-powered query converter using **Python** and **Flask** that translates natural language into streamlined **SQL** queries, improving user efficiency by **30%**.
- Devised an intelligent response system with **React** and **JavaScript**, enhancing interactive UX and boosting user engagement by **25%**.
- Integrated comprehensive security features in a **Node.js and Express** backend, leveraging **JWT** authentication, data sanitization, and request validation.

Education

Maharaja Surajmal Institute of Technology

BE/B.Tech/Bs

2024