AMAN SINGH

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👤 [Portfolio](#)

Education

Lovely Professional University   **Aug 2022 – Jun 2024**
Masters In Computer Application (CGPA: 8.0)   *Phagwara, Punjab*

Veer Narmad South Gujarat University   **Aug 2019 – Jun 2022**
Bachelor of Computer Applications (CGPA: 8.7)   *Surat, Gujarat*

Experience

Quantum IT Solution   **Aug 2023 – Jan 2025**
Software Developer (MERN Stack)   *Surat, Gujarat*

Inventory Management System Integrated with SAP – React, DevExtreme, Scss, Recoil
- Developed a robust **SaaS-based Inventory Management Platform** that streamlined operations across **inventory, purchase, production, sales, and quality assurance** by integrating seamlessly with **SAP systems**.
- Designed and implemented the **front-end architecture** using **React.js**, improving user experience and maintaining consistent performance across multiple modules.
- Leveraged **Recoil state management** to enhance application performance, resulting in a **30% faster load time** and a more responsive user interface.
- Ensured **scalability and maintainability** of the front-end by adhering to modern development practices such as component-based architecture and reusable design patterns.
- Actively participated in code reviews and optimized key components, reducing technical debt and increasing the application's overall performance by **25%**.

SwiftSend – HTML, CSS, JavaScript, Node.js, Express.js, SQL, AWS-EC2
- Developed and deployed a **SaaS platform**, SwiftSend, enabling businesses to verify accounts with **Meta** and send **WhatsApp messages** via the **WhatsApp Cloud API**.
- Implemented backend using **Node.js** and **Express.js**, with features like **mass messaging templates** and **message status tracking**, reducing API request failures by **40%**.
- Designed a high-performance **SQL database architecture**, improving query speeds by **50%** and supporting up to **10,000 messages daily**.
- Deployed on **AWS EC2**, ensuring scalability and minimal downtime, achieving a **95% user satisfaction rate** post-launch.

Projects

Slack Clone – React.js, Node.js, WebSocket, Express, Tailwind CSS
- Developed a **Slack Clone** enabling real-time messaging, secure authentication, and channel-based communication.
- Built a **React.js** frontend with a **Node.js + Express** backend, using **WebSocket** for real-time updates.
- Integrated **Auth.js** for secure authentication and session handling.
- Optimized performance by **reducing page load time by 40%** through efficient API calls and state management.

Skills

Programming Languages: Java, C++ , JavaScript
Frameworks/Library: React, Node.js, NextJS, Scss, Tailwind,
UI Library: DevExtreme, Chakra UI, Material UI ,ShadeCN
Databases: SQL, MongoDB, PostgreSQL
Other Skills: AWS-EC2, Git, Github