SWARN SUMAN

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EDUCATION

Bachelor of Technology (Electronics and Communication Engineering)   **CGPA – 8.58**
Indian Institute of Information Technology (IIIT), Manipur   May 2021 – Apr 2025

SKILLS

Programming Languages	C, C++, Python
Tools & Software	VS Code, MATLAB, GNU Octave, Git, Postman, AWS, Docker
Database	MYSQL, MongoDB, PostgreSQL, Redis (Cache)
Technical	Data Structures, Object-oriented Programming, Operating Systems, DBMS, HTML, Javascript, TailwindCSS, Bootstrap, React.js, Node.js, Express.js
Interpersonal	Communication, Problem-solving, Time Management, Critical thinking, Team Collaboration, Leadership

EXPERIENCE

SDE Intern   Dec 2024 – Present
Lagoon Digital Pvt.Ltd.   *Gurugram*

- Developed backend services with Node.js and Express.js, implementing RESTful APIs for authentication and data management.
- Designed the responsive home and login pages of the Lagoon platform using React.js and Tailwind CSS, ensuring modern UI/UX and cross device compatibility.
- Integrated frontend with backend APIs, ensuring efficient data flow and seamless interaction across modules.

DS/ML Intern   May 2024 – Jul 2024
ITC Pvt. Ltd.   *Gurugram*

- Developed a data-driven framework using K-means clustering to optimize store locations, improving sales predictions.
- Leveraged Python libraries (Pandas, NumPy, Matplotlib, Seaborn, scikit-learn) for advanced data processing, clustering, and visualization.
- Utilized SQL for database management and data extraction, with Microsoft Excel for initial data analysis.

PROJECTS

Bulk Mail Sender   *CSS, Express.js, MongoDB, React.js, Nodemailer*

- Developed a full-stack Bulk Email Sender application using Node.js, Express, MongoDB and React, enabling users to send personalized emails to multiple recipients efficiently.
- Implemented SMTP-based email automation with features like contact import, email templates, and sent Email History tracking.
- Integrated MongoDB for efficient storage and retrieval of recipient data, improving query performance and scalability.

StudyNotion   *Tailwind CSS, Express.js, MongoDB, React.js*

- Developed a learning platform with a scalable Node.js, Express.js and MongoDB backend, enabling course access and content management.
- Integrated Razorpay for payments and Cloudinary for media handling, ensuring seamless transactions and cloud-based content management.
- Built a responsive frontend using React.js and Tailwind CSS, ensuring smooth user experience across dashboards and course modules.

LEADERSHIP

- Admin for the IIIT Manipur Coding Club Discord community with over 300+ job seekers and mentors. Actively involved in facilitating online events, career conversations, and more alongside other admins and a team of volunteer moderators.