

TANVI SAINI RESUME

Bengaluru, Karnataka

+917970054527

sainiana1931@gmail.com

[tanvi-saini](#)

[theleocodes](#)

Education

Manipal University Jaipur

BTech in Computer Science and Engineering(CGPA : 8.3)

Sep 2020 - June 2024

Jaipur, Rajasthan

Relevant Coursework

- Data Structures
- OOPs
- Computer Networking
- Cloud Computing
- RDBMS
- Operating Systems

Experience

Caterpillar Inc

June 2023 – Jan 2024

Software Engineer Intern

Bengaluru, Karnataka

- Contributed and lead the team of 4 to design and Development of a new Separate Global Trade System which was initially used as a sub-part of the CRM System.
- Spearheaded the OOPS Based Advanced Business Application Programming projects which have daily practical usage.
- Collaborated with the team lead to perform various tasks on the SAP mobile and web development.

PwC

Feb 2023 – May 2023

Trainee

Remote

- Platform based self-study program comprising of 4 courses for Industry and Analytics Insights. - Course Content: IT Fundamentals, RDBMS Oracle and SQL, Programming Fundamentals using Python; Data Analytics and Data Engineering.
- A part of 1500 students selected from 12 Universities throughout the country (90 students from MUJ).
- Acquired all the 4 micro-certifications.

Projects

iHelp ([Link](#)) / *ReactJs, ExpressJs, MongoDB, Docker*

January 2023

- Assists individuals in making informed decisions and following learning outcomes. Users can create their profiles, showcase their achievements, skills and grow their network.
- Structured learning, informed decisions, practical experience for 20+ career-choices.
- Led a team of 3 members to scale the system to handle 10k users concurrently under peak load.

SQL Editor ([Link](#)) / *ReactJs, JavaScript, PostgreSQL, Vercel*

November 2022

- A web-based application capable of running SQL queries and displaying the results of them.
- Crafted an intuitive and responsive SQL query editor interface leveraging front-end technologies, enhancing user experience and query interaction.
- It is an advance featured app which is dynamic, have animation and user friendly.

Security Breaches of Remote Working ([Link](#)) / *Research Paper on Cryptography*

December 2022

- This research aims to provide insights into the causes of security breaches in remote working environments and identify the best practices that can be implemented to improve security.
- Analyses the positive and negative impact of remote working based on earlier research.
- Offers practical recommendations for organizations to enhance cybersecurity in remote work setups.

Technical Skills

Languages: C++, JavaScript, SQL

Developer Tools: VS Code, Git/GitHub, AWS EC2, MS Office Tools, Adobe Tools, Figma

Technologies/Frameworks: ReactJS, ExpressJS, NodeJS, HTML, MongoDB, MySQL, LINUX, SAP ABAP, SAP Fiori, Snaplogic(Middleware Integration tool)

Leadership / Extracurricular

- Leetcode: Maximum Rating- 2314(Guardian) — Top 1 Percentile among 400,000 participants.
- Secured Global Rank 78 and AIR 15 out of 26514 participants in Leetcode Weekly Contest 339.
- Led the team of 4 to win National Finals of Flipr Hackathon XV
- Member of Women Tech-makers, google developers student club
- Received Engineering Scholarship.
- Mentored 20+ students by organizing talks over diverse topics, fostering knowledge exchange.
- Cisco CCNA and Devnet Certified from Cisco Academy.
- Red Hat Linux Administration Certified , AWS Cloud Foundations and DynamoDB Certified.