[**Madhan Singh T**](https://github.com/Madhansingh23/Madhan-Professional-Details) [SkillRack](https://www.skillrack.com/faces/resume.xhtml?id=421283&key=d18ec102b191f07ee4b30c9d64d195028eff89e7)  [Linkedin](https://www.linkedin.com/in/madhan-singh6382703678)

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github.com/Madhansingh23

leetcode.com/u/Madhansingh

skillrack.com/faces/resume.xhtml?id=421283&key=d18ec102b191f07ee4b30c9d64d195028eff89e7

geeksforgeeks.org/user/tmadhansuj2n

+916382703678 [t.madhansingh23@gmail.com](mailto:t.madhansingh23@gmail.com) [Leetcode](https://leetcode.com/u/Madhansingh/) [Github](https://github.com/Madhansingh23)

## **About Me**

Passionate and analytical third-year Computer Science student with a strong foundation in programming, front-end development, and data analysis. Fast learner and problem-solver with hands-on experience across diverse technologies. Proficient in building real-world applications and insightful data dashboards, with a focus on clean design, performance, and user experience.

## [**Professional Experience**](https://github.com/Madhansingh23/Madhan-Professional-Details)

[***MIT Rusa 2.0(Intern)***](https://www.linkedin.com/posts/madhan-singh6382703678_internship-automation-machinelearning-activity-7241089356935954432-bkSl/?utm_source=share&utm_medium=member_android)

[Front-End Developer](https://www.linkedin.com/posts/madhan-singh6382703678_internship-automation-machinelearning-activity-7241089356935954432-bkSl/?utm_source=share&utm_medium=member_android) : **6 May 2024 – 20 May 2024**

* Developed a responsive web portal for Battery Management Systems using React.js and Tailwind CSS
* Designed intuitive UI for monitoring EV battery performance

***[Thangamayil Jewelers(Intern)](https://www.linkedin.com/posts/madhan-singh6382703678_internship-qualityanalyst-softwaretesting-activity-7241094899847061506-QoVh/?utm_source=share&utm_medium=member_android)***

[Quality Analyst(Software Tester)](https://www.linkedin.com/posts/madhan-singh6382703678_internship-qualityanalyst-softwaretesting-activity-7241094899847061506-QoVh/?utm_source=share&utm_medium=member_android): **11 July 2024 - 26 July 2024**

* Analyzed and tested the DigiGold mobile app under development.
* Documented bugs and improvements, and ensured QA compliance with project guidelines.

[***Zenskar-Solutions(Intern)***](https://www.linkedin.com/posts/madhan-singh6382703678_react-developer-intern-activity-7311032053909581824-zku3?utm_source=share&utm_medium=member_desktop&rcm=ACoAAD9vWv8BtcCqfzrrLwaTIibv8gfx7BI5UCU)

[Front-End Developer](https://www.linkedin.com/posts/madhan-singh6382703678_react-developer-intern-activity-7311032053909581824-zku3?utm_source=share&utm_medium=member_desktop&rcm=ACoAAD9vWv8BtcCqfzrrLwaTIibv8gfx7BI5UCU) : **8 Jan 2025 – 28 Jan 2025**

* Worked on component-based architecture and React Hooks.
* Designed responsive UI with Tailwind CSS and gained exposure to real-world development cycles

## **Mini Projects**

[**Hospital** **Room Data** **Analysis**:](https://github.com/Madhansingh23/PowerBi-Projects/tree/main/Hospital%20Emergency%20Room%20Analysis)

* Built interactive dashboards visualizing patient flow, ER management, and occupancy trends.
* Optimized healthcare operations with custom reports and actionable insights

[**Gemini-Clone(Api-Key):**](https://github.com/Madhansingh23/Project__Gemini)

* Replicated key functionalities of Google Gemini using Gemini API
* Built with Vite.js and deployed on Vercel. Integrated conversational AI with a clean UI

[**Face Recognition:**](https://github.com/Madhansingh23/Face__Recognition)

* Implemented real-time face detection using Haarcascade and recognition via KNN classifier with python.
* Enabled auto-attendance logging with TTS confirmation and CSV storage

## **Technical Skills and Expertise**

**** **Java Programmer ** **Front-End Developer**  **** **Python Programmer ** **PowerBI Analyst ** **Data Analyst**

**Competitions:**

**** [**IEEE Extreme** Coding Challenge . Global Rank(773/8785).](https://www.linkedin.com/posts/madhan-singh6382703678_ieeeextreme-codingcompetition-teamwork-activity-7276124356664086529-7eKk?utm_source=share&utm_medium=member_desktop)

 [**IIT Sricity** Hackathon(Top 50).](https://www.linkedin.com/posts/madhan-singh6382703678_healthcare-hackathon-activity-7166696344311595008-_3o5?utm_source=share&utm_medium=member_desktop)

 [Code mantra at **Bannari Amman College** Event.](https://www.linkedin.com/posts/madhan-singh6382703678_coding-presentationskills-continuouslearning-activity-7241086028902457344-CKDq?utm_source=share&utm_medium=member_desktop)

 [**Leetcode** Weekly Contests.](https://leetcode.com/u/Madhansingh/)

## **Education**

**Bachelor of Engineering (B.E-CSE)** 2022-2026  **CGPA**

PSNA College of Engineering and Technology 8.21/10

[**Higher Secondary Education (ISC)**](https://drive.google.com/file/d/1ZYOWI02BKjI76oQ9L78QQ4PNywBjR_uh/view?usp=drivesdk) 2020-2022 **Marks**

[Idhayam Rajendran School](https://drive.google.com/file/d/1ZYOWI02BKjI76oQ9L78QQ4PNywBjR_uh/view?usp=drivesdk)  427/500

[**Secondary School Certification (ICSE)** 2010-2020](https://drive.google.com/file/d/1WUmtlu44K_8YXngx3Yw0qEuEBM0pRHGc/view?usp=drivesdk) **Marks**

[M.K.R.Ayya Nadar Jeyalakshmi Ammal School](https://drive.google.com/file/d/1WUmtlu44K_8YXngx3Yw0qEuEBM0pRHGc/view?usp=drivesdk) 503/600