**Sarthak Jalan**

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# PROFESSIONAL SKILLS

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| * **Languages:** C++, Java, Python, HTML/CSS, JavaScript. React.js, Node.js. * **Developer Tools:** Git/GitHub, Amazon Web Services (AWS), MATLAB, Visual Studio, Postman, VS Code. * **Databases:** MySQL, MongoDB. * **Non-Tech Skill:** Product Development and Management.   **EDUCATION** |  |
| **VIT Bhopal University**, *CGPA: 8.40* | Bhopal, India |
| *Bachelor of Technology in Computer Science and Engineering*  *(Specialization in Cloud Computing and Automation)* | August 2023 - May 2027 |
| **Agrasain Boys’ School,** *Percentage: 88.0%* | West Bengal, India |
| **EXPERIENCE** | April 2021 - April 2023 |
| **COLLABIFY.AI**   * Working as a Full-Stack Developer building a platform to connect cottage-level industries to social media creators to promote their products and brands. * **This startup is incubated under Nirman-A Flagship Incubation Event of IIT-Madras.**   **ACHIEVEMENTS** | December 2024-Present |

**GSSoC Extd’ 24** September 2024 - November 2024

* Completed the Postman API Fundamentals Student Expert Course and earned the Badge.
* Work on various Open-source problems in GSSoC Extd.

**HACKTOBERFEST** October 2024 - November 2024

* Raised 6/4 Pull request in this event which is among 9% of PRs raised.
* Won all the four Badges in this event.

**Ninja Slay Ground 2.0** November 2024-December 2024

* Completed all the three levels of this event hosted by Coding Ninja.
* Continuous 21 Days coding challenge and ranked among top 2% competitors.

**Other Achievements**

* Completed 100 Days of Coding Challenge.
* Solved 263 Leetcode Questions with an accuracy of 82% with rank 4,67,137.
* Completed Data Visualisation and Practical Hands on offered by Forage TATA.
* 320 days Japanese learning streak on Duolingo(ongoing).
* Participated in Nation Building Case Study Competition hosted on Unstop by the Government of India.
* Participated in Arthneeti 4.0 organized by Indian Institute of Management (IIM), Nagpur on Unstop.
* Participated in **L'Oréal Sustainability Challenge 2025** on Unstop.
* Participated in **TVS Credit E.P.I.C 7.0 — Analytics Challenge** on Unstop**.**
* Participated in **TVS Credit E.P.I.C 7.0 — IT Challenge** on Unstop**.**
* Completed a NPTEL-Swayam Course on Introduction to Internet of Things (IoT) 2025.
* Completed MERN Full Stack Certification Program by ETHNUS Internship trainer with a score of 92/100.

# PROJECTS

**Nyaya Mitra**

* Developed a digital Lawyer for the rural People who can take the basic help from our chatbot for everyday legal disputes among them.
* People can book the lawyer who will tie up with Nyaya Mitra.
* Engineered and fine-tuned a cutting-edge technology using **HTML, CSS, JS, MongoDB, Python**.
* It will prevent the exploitation of the poor villagers done by the middlemen. We can Help easily and more efficiently after tie up with local NGOs.

**Med Prior**

* **Developed an AI-powered medical chatbot** using NLP and machine learning to analyse user symptoms and provide personalized health advisories.
* **Integrated real-time doctor booking system** based on user location or pin code, including appointment scheduling and downloadable confirmation reports.
* Engineered and fine-tuned a cutting-edge technology using **React.js, Next.js, Geolocation API, Firebase Authentication and Realtime Database, Python**.
* **Implemented automated health risk scoring and emergency detection** using conversation analysis, improving triage efficiency and response prioritization.
* **This project was made for Health-Hack 2025, an inter-college hackathon organized by VIT Bhopal University and John Hopkins University.**