Harshit Chugh

Delhi, India |+91 9205044043

✉ harshit.chugh18@gmail.com | 🔗 linkedin.com/in/harshit-chugh-719005294 | ⚫ github.com/harshit18-09

leetcode.com/u/HC18

Education

VIT Bhopal University, Bhopal, Madhya Pradesh , B.Tech in CSE (AI-ML)　　　Sept 2023 – May 2027 (Expected)
- CGPA: 9.05

Amity International School, Mayur Vihar, New Delhi　　　May 2023
- CBSE Class XII - 83%

K.R. Mangalam World School, Vaishali, Uttar Pradesh　　　May 2021
- CBSE Class X - 95%

Technical Skills

Languages: C++ (STL), JavaScript (ES6+), Python
Frontend/Backend: HTML5, CSS3, React.js, Tailwind CSS, Chart.js, Node.js, Express.js
Database/Tools: MongoDB, MySQL, Git & GitHub, Postman, VS Code, Netlify, Render
CS Fundamentals: DSA, OOP, DBMS, OS, Problem Solving

Projects

SpaceMate-Smart campus crowd tracker *(In Development)* —⚫ GitHub　　　June 2025–Present
- Built a full-stack MERN app to monitor and manage real-time campus room occupancy and crowd levels.
- Added role-based access control (RBAC) with JWT auth; admins manage rooms & limits, users view live heatmap.
- Structured backend with modular Node.js, Express.js APIs, and MongoDB using Mongoose schema validation.
- Secured dashboards via token-based routing; improved UX with responsive React.js + Tailwind CSS interface.

MoodBoard-Visual mood tracker —⚫ GitHub　　　April 2025–May 2025
- Developed a daily mood-tracking web app using JavaScript and Chart.js to visualize trends over 30+ days.
- Implemented emoji-based logging, theme toggling (dark/light), and persistent state with localStorage.
- Optimized monthly view navigation and chart rendering using debounce, custom hooks, and DOM event handling.

SnapSearch–Wikipedia search tool — ⚫ GitHub　　　Dec 2024–Jan 2025
- Created a fast Wikipedia search UI using vanilla JS & open API; achieved sub-300ms response.
- Designed UI with dark mode, recent search history, and real-time highlights.
- Enhanced UX with debounced input, responsive design, and user-friendly error handling.

Achievements

- **2× SIH National Finalist (2023, 2024)** - Selected top 5% for national software edition by solving real-world tech problems.
- **8th Place–LackCity Hackathon 2024** - Outperformed 290+ teams with a fintech MVP in 36 hours.
- **Hacktoberfest 2024 Contributor** - Delivered PRs across open-source projects; collaborated with maintainers on fixes.

Certifications

- **Azure Data Fundamentals (DP-900):** Core data models & analytics in Azure.
- **ML Fundamentals – Google & SmartBridge:** Python-based ML, supervised & unsupervised learning.

Extra-Curricular Activities

- **Placement Cell Volunteer:** Managed TCS NQT for 450+ students.
- **Hindi Club – Tech Lead**
- **Hobbies:** Aeon article reader & evening cyclist.