

# Manav Garg

Developer | Designer | Dreamer

+91-9818094442 | manav.garg@hotmail.com

## Profile

---

- Communication and presentation skills with analytic bent of mind & a good team player.
- Strong hold on Data structures and Algorithms & Modern ML Algorithms.
- Skilled in developing End-to-end backend APIs and Integrating it with the frontend to provide seamless data processing.
- Proficient in Python and ML Libraries such as TensorFlow and OpenCV as well as keeping a close eye on the real-time trends and future demands of different programming languages.
- Proficiency in User interfaces and User experience and in tools such as Figma, Adobe Photoshop, Adobe Illustrator.
- Intermediate level in Cyber Security, Pen-testing and Privilege Escalation and in tools such as Gobuster, Metasploit, DirBuster, Nmap, PHP injection.

## Education

---

- Vellore Institute of Technology Chennai, Tamil Nadu  
*Bachelors of Technology in Computer Science* 2021- 2025  
Concentration: Computer Science  
Minors: Artificial Intelligence and Machine Learning
- Delhi Public School, Sushant Lok Gurgaon, Haryana  
*High School Diploma* 2019 – 2021  
Concentration: Computer Science, Physics, Mathematics, Chemistry

## Experience

---

- **Intern, Digital Marketing and AI** May 2019 – June 2019  
Vedatya Institute
- **Member, Google Developer Student Club** Oct 2022 – Present  
Vellore Institute of Technology, Chennai
- **Head of Design/UI-UX and Technical, IEEE Computer Society Student Chapter** Oct 2021 – Present  
Vellore Institute of Technology, Chennai
- **Member, CYSCOM** Nov 2022 – June 2023  
Vellore Institute of Technology, Chennai
- **Member, HackClub** Aug 2021 – Dec 2022  
Vellore Institute of Technology, Chennai
- **Hobbyist CTF Solver, TryHackMe.com** June 2023 – Present  
Top 2% (rank 51K) in the whole world on the most popular cybersecurity challenges platform, "tryhackme.com" where Free/Premium CTFs (Capture the Flag) events/rooms are hosted and people compete proving their skill.
- **Freelance Student Project, Wipro** July 2023 – Aug 2023  
Through Vellore Institute of Technology, Chennai

## Skills

---

PyTorch | TensorFlow | OpenCV | AI/ML | NodeJS | JavaScript | Python | C/C++ | C# | ASP.NET | ReactJS/NEXT.JS | UI/UX | Figma | Adobe Photoshop | Adobe Illustrator | MongoDB | NoSQL | MySQL | SQL Plus | PostgreSQL | Privilege Escalation | Metasploit | Web Exploitation | PHP Injection

## Hobbies

---

- Graphic Design | Music | Nature | Books

## Projects

---

- **Rekol, TO-DO dashboard web app integrated with WhatsApp** May 2021  
<https://github.com/manavvgarg/rekol>  
Tags: JavaScript, NodeJS, ExpressJS, MongoDB, Web Development, Web App
- **NSCHR, Fully Functional Web Medical ERP Portal** September 2021  
<https://github.com/manavvgarg/nschr>  
Tags: JavaScript, NodeJS, ExpressJS, MongoDB, Web App, MySQL
- **Certi-gen: Automated Mass Certificate Generator** June 2023  
<https://github.com/manavvgarg/certi-gen>  
Tags: Python, HTML, CSS, Flask, Backend Automation
- **SentiSYS: CLI Sentiment Analysis with Text/Mic Input** July 2023  
<https://github.com/manavvgarg/sentisys>  
Tags: Python, TensorFlow, Machine Learning, Sentiment Analysis, CLI
- **Path Validation Application, For Wipro** July-August 2023  
Tags: Python, TensorFlow, Machine Learning, OpenCV, Flutter, Android Development

## Certifications

---

### Supervised Machine Learning: Regression and Classification by Stanford Online | Deeplearning.Ai

<https://www.coursera.org/account/accomplishments/certificate/XUKTEZCDCGLW>

Issued: July 2023

### Supervised Machine Learning: Advanced Learning Algorithms by Stanford Online | Deeplearning.Ai

Ongoing course by Andrew Ng on Coursera.

### Paradox 2022

<https://certopus.com/c/70942028f6e54fefa769fd5e7e07fc47>

Received for securing 10th position out of 500 participants in VIT Chennai's flagship Cryptic Hunt.

### Advanced CPP

Credential ID 3018150911

Issued by IIT Bombay on successful completion of Advanced CPP course offered By IIT Bombay.

### C# Certification

Credential ID 3018150911

Issued by IIT Bombay on successful completion of C# Certification course offered By IIT Bombay

### Python 3.4.3

Credential ID 3018150AQM

Issued by IIT Bombay on successful completion of Python Certification course offered By IIT Bombay.

### Python Certification Bootcamp Course

Credential ID UC-2f98e4bb-7be7-41ea92c5-83ce576e177d

Issued by Udemy, Inc.

### C++ Certification

Credential ID UC-1edfc908-411f-40d4-85e1-8d5f8e733f45

Issued by Udemy, Inc.