Manav Garg
Developer | Designer | Thinker
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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 provideseamless data processing.
- Proficient in Python and ML Libraries such as TensorFlow and OpenCV as well as keeping a close eyeon 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
  <u>Concentration:</u> Computer Science
  <u>Minors:</u> Artificial Intelligence and Machine Learning

- Delhi Public School, Sushant Lok — Gurgaon, Haryana
  High School Diploma — 2019 – 2021
  <u>Concentration:</u> 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

- **Head of Design/User Experience, Business Innovation Community (BiC)** — Aug 2022 – Feb 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 andpeople 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++ | ReactJS | UI/UX | Figma | Adobe Photoshop | Adobe Illustrator | MongoDB | NoSQL | MySQL | SQL Plus | PostgreSQL |Privilege Escalation | Metasploit | Web Exploitation | PHP Injection

Hobbies

- Graphic Design
- Music
- Books
- Nature

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
https://www.coursera.org/account/accomplishments/certificate/XUKTEZCDCGLW
Issued: July 2023

Supervised Machine Learning: Advanced Learning Algorithms
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 30181509I1
Issued by IIT Bombay on successful completion of Advanced CPP course offered By IIT Bombay.

C# Certification
Credential ID 30181509I1
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.