Manav Garg

Developer | Designer | Dreamer

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Profile

Manav is a 20-year-old aspiring software developer and machine learning engineer with a passion for graphic design and UI/UX. He is proficient in a variety of programming languages and technologies, including **Python, Java, JavaScript, C/C++, TensorFlow, PyTorch, Scikit-Learn, Django, React, Angular, Figma, and Sketch**. He is also familiar with **natural language processing, computer vision, data mining, and big data analytics**. He is a highly motivated and **results-oriented** individual who is always willing to help others.

Key Points

- 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.
- Skilled 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

Experience

- **Intern, Full Stack Developer at StudioX – The Coca Cola Company** — Aug 2023 – Present
  Hogarth India – A WPP Company, Gurugram, India
- **Hobbyist CTF Solver, TryHackMe.com** — June 2023 – Present
  Top 2% (rank 51K) in the whole world on the one of the most popular cybersecurity challenges platform, "tryhackme.com" where Free/Premium CTFs (Capture the Flag) events/rooms are hosted and people compete to prove their skill.
- **Fixed Point Adherence App Project - Wipro** — July 2023 – Sep 2023
  Worked on an AI Based object detection mobile app for Wipro under the guidance of Ms. R. Jothi, ML Professor/Researcher from Vellore Institute of Technology, Chennai.

Skills/Abilities

- <u>**Tech Stacks:**</u> MERN Stack
- <u>**Languages:**</u> Python, JavaScript, C++/C, Dart, SQL, Bash
- <u>**Libraries:**</u> PyTorch, TensorFlow, OpenCV, ASP.NET
- <u>**Frameworks:**</u> Docker, ReactJS, Next.JS, NodeJS, Express, Django, Flask
- <u>**Tools:**</u> GitHub, GitLens, Visual Studio Code, Vim, Adobe Photoshop, Adobe Illustrator, .NET SDKs, MongoDB, NoSQL Platforms, Vercel, Heroku, Glitch, Figma, Metasploit
- <u>**OS's:**</u> Kali Linux, Fedora, Ubuntu, Windows, MacOS
- <u>**Skills:**</u> Artificial Intelligence implementation, Machine Learning, Web Exploitation, Privilege Escalation, Frontend Development, Backend Development, User Interface, User Experience Design Flow, System Design

Hobbies

Programming, 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 HMIS Portal** — September 2021
  https://github.com/manavvgarg/nschr
  Tags: JavaScript, NodeJS, ExpressJS, MongoDB, Web App, MySQL
- **SentiSYS: CLI Sentiment Analysis with Text/Mic Input** — July 2023
  https://github.com/manavvgarg/sentisys
  Tags: Python, TensorFlow, Machine Learning, Sentiment Analysis, CLI
- **Fixed Point Adherence – Wipro** — July-September 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
- **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