



# ARHAAN GIRDHAR

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## EDUCATION

- Manipal Institute of Technology, Manipal** 2022 - 2026  
*B.Tech in Computer Science and Engineering ( AI & ML )* (Expected)  
*Relevant Courses* : Operating Systems, Data Structures, Algorithms, Object Oriented Programming, Artificial Intelligence, Machine Learning, Computer Vision, Deep Learning, Neural Networks, Database Management, Parallel Programing, Web Development.
- Delhi Public School Rajnagar, Ghaziabad** 2020 - 2022  
*STD X & STD XII*

## SKILL SUMMARY

**Programming Languages:** C, C++, Python, Java, Javascript, TypeScript, MySQL, PostgreSQL  
**Libraries:** NumPy, Pandas, Matplotlib, OpenCV, Scikit, SciPy, Pytorch, OpenMpi, Pytorch, Selenium  
**Tools:** HTML-5, CSS-3, JavaFX, Git, AWS, Docker, MATLAB, Jupyter Notebook, Azure, Microsoft Office , Simulink  
**Frameworks:** Tailwind CSS, ReactJS, NextJS, NodeJS, Flask, Bootstrap, jQuery, Django

## WORK EXPERIENCE

- Artificial Intelligence Intern** | Concur IP ( A Questel Company ) May 2025 - Jul 2025
  - Contributed to building smart scraping workflows for counterfeit monitoring across 20+ global platforms.
  - Designed keyword-based search and filtering systems to enhance detection accuracy and protection efforts.
  - Developed interactive dashboards, enabling teams to visualizereal-time analytics with improved efficiency.
- Internship Trainee** | Bharat Electronics Limited Jun 2024 - Jul 2024
  - Developed over five JavaFX interfaces, improving project efficiency by 25% in cybersecurity initiatives.
  - Managed over 20 virtual machines, ensuring a 99.9% system uptime for critical operations.
  - Reduced manual processing time by 35%, enhancing overall system reliability.
- Frontend Developer** | Invisible Mechanics Jan 2024 - Mar 2024
  - Engineered and deployed a reactive website, boosting user engagement by 45%.
  - Collaborated with backend teams to optimize performance, achieving a 98% on-time delivery rate.
  - Significantly enhanced the overall user experience.

## PROJECT

- W.E.A.L.T.H** | Manipal Institute of Technology | [LINK](#) May 2025 - April 2025
  - Developed W.E.A.L.T.H, a responsive financial management web application, featuring 8+ modules including dashboards, budgeting, expense tracking, investment portfolio management, and AI-driven financial optimization.
  - Engineered over 15 interactive, real-time visualizations with Chart.js and Recharts, implemented PDF report generation using jsPDF and html2canvas, and achieved seamless deployment with sub-2-second load time.

## CERTIFICATIONS

- Foundations of AI and ML** | [LINK](#) May 2025
  - Microsoft* | AI/ML infrastructure, PyTorch & TensorFlow, scalable data pipelines, MLOps and cloud deployment.
- Generative AI with Large Language Models** | [LINK](#) Jan 2025
  - AWS* | Study of LLM-based generative AI, including training pipelines, fine-tuning and deployment considerations.
- Neural Networks and Deep Learning** | [LINK](#) Dec 2024
  - DeepLearning.AI* | Neural network designing, forward/backward propagation, and optimization algorithms.