

# MANAV VINAYAK

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## TECHNICALS SKILLS

- Programming Languages:** Python, JavaScript (ES6+), C, SQL, JAVA
- Web & UI Frameworks:** React, Fast API, HTML5, CSS3, Tailwind Principles
- Architecture & Design:** Clean Architecture, Domain-Driven Design (DDD), RESTful API Design, Dependency Injection, Asynchronous Programming
- DevOps & Tools:** Git, GitHub, Visual Studio Code, npm, Uvicorn
- Others:** Data Structure and Algorithms, Object Oriented Designs & Programming, Database Management System (Relational Databases), Distributed System, Operating System, Computer Networks, Large Language Models (LLMs), GenAI Integration

## EXPERIENCE

- JS Enterprises** | Data Science Intern | Delhi, India July 2024 – September 2024  
Automated data cleaning for 10,000+ records, improving data quality by 95%. Created visual dashboards to reduce manual reporting time by 40%, supporting faster decision-making.
- Skolar Company** | Cyber Security Intern | Rohtak May 2023 – August 2023  
Identified and mitigated 15+ security vulnerabilities, reducing risk exposure by 40%. Conducted network traffic analysis and penetration testing to strengthen data protection.

## PROJECTS

- Billing Software** | <https://github.com/mnvvin/Billing-System>  
Developed a billing software using Python with a database management system to handle customer transactions and generate digital receipts. Implemented automated storage of receipts for efficient record-keeping and improved billing accuracy.
- Stock Analysis AI Chatbot** | <https://github.com/mnvvin/stock-analysis-chatbot>  
Developed a full-stack Stock Analysis Chatbot utilizing Fast API(Gemini) and React. The entire backend was architected using Clean Architecture and Domain-Driven Design (DDD) principle.

## CERTIFICATES / ACHIEVEMENTS

- Programming in Python** | Swayam
- Google AI Essentials** | Google
- Data Analytics Job Simulation** | Deloitte
- Supervised Machine Learning** | Stanford University
- Career Essentials in Generative Ai** | Microsoft and LinkedIn
- Introduction to Natural Language processing** | Infosys
- Programming Essentials in Python** | Cisco Certified Network Associate (CCNA)

## EDUCATION

**Maharishi Dayanand University**  
Bachelor of Technology in Computer Science  
**Golaya Progressive Public School**  
10<sup>th</sup> and 12<sup>th</sup>

**August 2022 – July 2026**  
Rohtak, Haryana  
**April 2018 – April 2022**  
Palwal, Haryana