

Adhi Vignesh

Address : Ramanthapur, Hyderabad, Telangana

Phone no: 7989949808 | G-mail : vigneshadhi773@gmail.com

[LinkedIn](#) | [GitHub](#)

Career Objective

Aspiring Artificial Intelligence and Machine Learning Engineer with a strong interest in Software Development. Skilled in programming, data structures, and project-based learning with hands-on experience in web development, Arduino systems, and mathematical modeling. Passionate about leveraging AI concepts and software engineering principles to build innovative and efficient solutions. Actively seeking internship opportunities to apply technical skills, enhance problem-solving abilities, and contribute to impactful projects.

Education

- **Aurora University, Parvathapur, Hyderabad**
Bachelor of Technology (B.Tech) in Computer Science Engineering with Specialization in Artificial Intelligence & Machine Learning
2024 – 2028 | Currently in 2nd Year
 - **Intermediate (Class XII), Board of Intermediate Education, Telangana**
Percentage: 86.1% | Completed: 2024
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Projects

- **Watch Website – E-commerce Platform** | *HTML, CSS, JavaScript*
Developed a basic online watch store with product listing, responsive design, and cart features to understand core web development concepts.
- **Personal Portfolio Website** | *HTML, CSS, JavaScript, Animations*
Designed and deployed an interactive portfolio showcasing projects and achievements, optimized for LinkedIn visibility and professional branding.
- **Password Storage System using Hashing** | *C Programming, Data Structures*
Implemented a secure password storage system using hashing techniques and basic DSA concepts, enhancing access efficiency with hash table operations.
- **Image Compression using Rank-Nullity Theorem** | *Linear Algebra, C Programming*
Applied linear algebra concepts to compress images, reducing storage while retaining structural data.

- **Sales Data Aggregator** | *Python*
Built a tool to process and analyze raw sales data, implementing file handling, aggregation logic, and visualization of results for better decision-making.
 - **PixelBoost (Startup Project – Ongoing)** | *React.js, HTML, CSS, JavaScript*
Developing a startup website providing creative digital solutions. Implemented responsive frontend components using React.js and planning scalable backend architecture.
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Internship Experience

- **Web Development Intern – StaxTech** | *May 2025 – June 2025*
 - Completed a 4-week internship under mentorship of *Pawan Kushwaha*.
 - Gained practical experience in HTML, CSS, and JavaScript for responsive web applications.
 - Designed and deployed a **Personal Portfolio Website** with animations for professional branding.
 - Built a **basic E-commerce Website** with product pages, cart features, and a simple checkout system.
 - Improved understanding of UI/UX principles, responsive design, and frontend project structure.
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Technical Skills & Learning

- **Programming Languages (Known):** C, Python, JavaScript.
 - **Programming Languages (Currently Learning):** TypeScript, Advanced Concepts of Python.
 - **Web Development:** HTML, CSS, React.js.
 - **AI & ML Basics:** Linear Regression, Classification, Data Preprocessing, Basic Model Training.
 - **Core Concepts:** Data Structures & Algorithms, Hashing, Linear Algebra Applications.
 - **Tools & Platforms:** Git, GitHub, VS Code, Arduino IDE.
 - **Currently Exploring / Learning:** Machine Learning algorithms, Neural Networks, Data Visualization with Power BI, Advanced React.js concepts.
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Achievements & Certifications

- **Power BI Workshop – Office Master**
Completed hands-on workshop on BI, data visualization, ETL processes, interactive dashboards, DAX calculations, and data storytelling.
- **Programming Fundamentals using Python – Part 1** – Infosys Springboard
Strengthened foundational Python skills with practical problem-solving techniques.

- **Data Analytics Virtual Job Simulation** – Deloitte via Forage
Completed a simulation gaining hands-on experience in data analysis and forensic technology.
- **Elements of AI** – University of Helsinki & MinnaLearn
Earned 2 ECTS credits by completing AI fundamentals course, covering ML basics, neural networks, ethics, and applications.
- **Introduction to Artificial Intelligence** – Infosys Springboard
Acquired foundational AI knowledge, tools, and applications for real-world tech solutions.
- **Internship Completion Certificate** – StaxTech
Completed 1-month technical internship, gaining practical experience in web development and project-based learning.