VIDHYA MN

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PROFESSIONAL SUMMARY

Computer Science Engineering graduate (CGPA 8.88) with hands-on experience in Python, JavaScript, Machine Learning, Natural Language Processing (NLP), and Generative AI. Built AI-driven applications and intelligent automation workflows through an industry internship and multiple technical projects. Strong foundation in Object-Oriented Programming, Data Structures and Algorithms, debugging, and problem-solving. Microsoft Ideathon Winner with exposure to Microsoft Azure. Seeking entry-level opportunities in Software Development, Python Development, or AI/ML Engineering.

TECHNICAL SKILLS

Programming Languages: Python, JavaScript

Web Technologies: HTML, CSS, Front-End Development

CS Fundamentals: Object-Oriented Programming (OOP), Data Structures and Algorithms, Problem-Solving

AI & Machine Learning: Machine Learning, Generative AI, Agentic AI, NLP, GANs (Pix2Pix), Prompt Optimization

Cloud & Automation: Microsoft Azure, Workflow Automation (n8n), Robotic Process Automation (UiPath)

Data & Visualization: SQL, Database Fundamentals, Data Analysis, Power BI, Tableau

Developer Tools: Git, GitHub

PROFESSIONAL EXPERIENCE

Artificial Intelligence Intern | January 2026 – May 2026

Learners Byte (Training Division of Mahaprabha Tech Career Hub LLP) | Remote

- Designed and developed Generative AI and Agentic AI applications to automate tasks and support intelligent workflows within a structured, team-based industry program.
- Delivered AI-based projects end-to-end: requirement analysis, solution design, implementation, testing, and presentation.
- Integrated AI capabilities into automated workflows, translating functional requirements into working technical solutions.
- Evaluated AI development tools and frameworks, strengthening coding practices, debugging, and technical problem-solving.

TECHNICAL PROJECTS

Technology-Enabled Pathology: Optimizing IHC Testing for Breast Cancer | *Final Year Project*

- Designed and built a GAN-based Pix2Pix model to generate virtual Immunohistochemistry (IHC) images from Hematoxylin and Eosin (H&E) slides, aiming to reduce diagnostic cost and turnaround time.
- Implemented data preprocessing and HER2 expression analysis pipelines to support breast cancer pathology image analysis.

Just Nest – AI-Powered Legal Awareness Platform

- Developed an NLP-based platform providing real-time legal query assistance and case information analysis.
- Implemented AI-driven response generation to make legal awareness content more accessible.

Cash Clue – AI Personal Finance Assistant

- Built a machine learning-based application that analyzes spending patterns and generates actionable financial insights.
- Designed expense dashboards for tracking, forecasting, and data visualization.

EDUCATION

B.E. in Computer Science and Engineering – Sambhram Institute of Technology, Bengaluru | **CGPA: 8.88**

PUC (PCMB) – Schoenstatt St. Mary's PU College | 86%

SSLC – Mahimappa Education School | 93%

ACHIEVEMENTS & HACKATHONS

- **Microsoft Ideathon** – Winner
- **Microsoft Bhasha Bandhu Hackathon** – Final Round
- **AI TM Codefest (National Level)** – Top 10 Team
- **Build for Bengaluru** – 12-Hour Hackathon Participant

CERTIFICATIONS & TRAINING

- Power BI and Data Visualization Certification & Workshops – October 2024
- Robotic Process Automation & UiPath Training (AI Center, Studio, Automation Basics) – July 2024
- Data Analytics with Power BI Certification & Workshops – November 2023

LEADERSHIP & EXTRACURRICULAR ACTIVITIES

- **National Cadet Corps (NCC)** – B & C Certificate Holder (2023–2026): three years of training in discipline, leadership, and teamwork.
- **Class Representative** – Coordinated communication between students and faculty and represented student concerns.
- **Sports** – Represented at Taluk-Level Kabaddi competitions, demonstrating teamwork and dedication.