

AADHITHIYA J

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SUMMARY

AI Engineer with hands-on experience in R&D; prototyping, ML/DL/NLP pipelines, and building real-world AI systems. Strong foundation in model experimentation, data preprocessing, and automating AI workflows. Quick learner with solid problem solving skills and a growth mindset.

EXPERIENCE

GenAI Intern

Boston Consulting Group (BCG)

January 2025 - January 2025, Virtual Experience

- Performed data extraction and preprocessing for AI pipelines.
- Built an AI powered financial chatbot prototype.
- Improved model workflow efficiency through structured experimentation.
- Partnered with cross-functional teams to integrate feedback loops into GenAI pipeline development over a 10-week internship, accelerating deployment cycles by 25% using Jupyter, GitHub, and Slack.
- Engineered and refined prompt-tuning mechanisms for large language models, elevating natural language understanding capabilities in financial use cases.

PROJECT

AI Web Scraper (AIPA)

April 2025 - May 2025

- Developed an AI assisted web scraper using Streamlit + Selenium for dynamic website extraction.
- Engineered a modular data extraction tool leveraging AI algorithms, enabling adaptive scraping of complex web structures and seamless integration with analytics workflows.

Chess Assistant (AI Powered)

April 2025 - May 2025

- Created an AI chess tool providing real time move analysis and strategy suggestions.
- Engineered an AI-driven chess assistant capable of delivering adaptive gameplay insights and move recommendations, elevating user decision-making and in-game strategy optimization.

Face Recognition Attendance System

May 2025 - May 2025

- Implemented an ML powered face recognition system for automated attendance tracking.
- Engineered a facial recognition attendance solution that automated check-in processes, enhanced accuracy in tracking, and seamlessly integrated with existing HR systems.

EDUCATION

B.Sc. Computer Science

Annamalai University • 2023-2027 • 8.49

CERTIFICATIONS

Cloud Computing

IIT Kharagpur

Fundamentals of AI

IBM

Python - Udemy

SKILLS

Machine Learning, Deep Learning, NLP

Model Development, Evaluation & Optimization

R&D; Prototyping, Experimentation Workflows

Python, Java, JavaScript, C#

Streamlit, Selenium, React

Git, Cloud Computing
