

BHARATH ABHINESH A

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EXECUTIVE SUMMARY

B.Tech Computer Science & Engineering (AI & ML) graduate focused on AI/ML and software engineering, with hands-on experience building AI-powered automation, backend services, RAG systems, multi-agent workflows, and computer-vision applications. Experienced with Python, FastAPI, LangChain, LangGraph, REST APIs, vector databases, and modern developer tooling.

TECHNICAL SKILLS

- **Programming:** Python, C++, JavaScript, TypeScript, SQL
- **Backend:** FastAPI, Node.js, Express.js, REST APIs, API Integration
- **Frontend:** React, Vite, Tailwind CSS
- **AI / GenAI:** LLMs, Generative AI, RAG, LangChain, LangGraph, MCP, AI Agents, Vector Databases
- **Machine Learning:** PyTorch, TensorFlow, Scikit-learn, OpenCV, OCR
- **Databases:** PostgreSQL, MySQL
- **Cloud / DevOps:** Git, GitHub, Docker, GitHub Actions, CI/CD, AWS Fundamentals, Kubernetes
- **Tools:** Postman, Linux, n8n, NumPy, Pandas

PROFESSIONAL EXPERIENCE

AI Engineering Intern — Induspic Engineers | Bengaluru, India | Dec 2025 – Present

- Designed and deployed AI-powered business automation solutions using LangChain, Retrieval-Augmented Generation (RAG), and vector databases to improve enterprise information retrieval.
- Engineered intelligent quotation automation workflows integrating AI agents, document processing, approval pipelines, and automated email delivery.
- Developed backend services and API integrations for centralized customer interaction, document management, and workflow automation.
- Collaborated with cross-functional teams to translate operational requirements into scalable AI-driven solutions aligned with business objectives.

SELECTED PROJECTS

SYNAPSE — Multi-Agent Autonomous Code Reviewer

GitHub

- Developed a multi-agent AI platform capable of reviewing source code for security, maintainability, performance, and coding best practices.
- Integrated GitHub workflows, intelligent prompt orchestration, parallel agent execution, structured review pipelines, and automated Markdown reporting.

DeepXMed — AI Medicine Discovery Platform

GitHub

- Built an AI-powered healthcare platform for medicine understanding, prescription OCR, nearby pharmacy discovery, and cross-platform price comparison.
- Integrated Generative AI, OCR pipelines, intelligent medicine workflows, authentication, search history, and cloud-based data management.

AEGIS — Real-Time Edge Video Analytics

GitHub

- Developed an edge-AI video analytics system using computer-vision models for real-time object detection and intelligent event monitoring.
- Optimized inference pipelines for low-latency processing while maintaining high detection accuracy.

EDUCATION

- **Garden City University** | Bengaluru, India | B.Tech Computer Science & Engineering (AI & ML) | CGPA: 8.4/10.0

CERTIFICATIONS

- Model Context Protocol (MCP) Developer — Anthropic (2026)
- Building with Claude API — Anthropic (2026)
- Deep Agents — LangChain Academy (2026)
- TensorFlow: Advanced Techniques Specialization — Imperial College
- Python PCAP: Certified Associate — Cisco Networking Academy
- Python Essentials — Cisco Networking Academy
- AWS Solutions Architecture Job Simulation — Forage