

DINESH KARTHICK B

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PROFESSIONAL SUMMARY

Motivated and detail-oriented BCA Final Year student with hands-on experience in AI-powered applications, full-stack web development, cloud fundamentals, and DevOps workflows. Skilled in building practical software solutions using React, Node.js, MongoDB, Python, and AI technologies such as Gemini API and RAG systems. Strong problem-solving mindset with adaptability, teamwork, and eagerness to contribute to innovative IT environments.

EDUCATION

Bachelor of Computer Applications (BCA)

Thiagarajar College | 2023-2026 | CGPA -7.6/10 (Up to 5th Semester)

Grade XII (HSE)

Velammal Matriculation | 2022-2023 | 79.16%

TECHNICAL SKILLS

- **Programming Basics:** Java, Python, C
- **Web Technologies :** React.js, Node.js, Java Script, REST APIs, HTML, CSS
- **Databases:** MySQL, MongoDB
- **AI / ML Technologies :** Gemini API, Retrieval-Augmented Generation (RAG), FAISS Vector Database, Multi-Agent AI Systems
- **Cloud & DevOps :** Microsoft Azure, Docker, GitHub Actions (CI/CD)
- **Tools & Platforms :** Git & GitHub, Postman, VS Code, IntelliJ IDEA, Android Studio, Excel
- **Networking Fundamentals :** DNS, IP Addressing, HTTP/HTTPS

SOFT SKILLS

Problem Solving | Communication | Team Collaboration | Adaptability | Quick Learning | Time Management | Debugging & Troubleshooting

INTERNSHIP EXPERIENCE

Accenture – Summer Intern

May 2025 – July 2025 | Hybrid

- Gained exposure to enterprise IT workflows and cloud computing concepts.
- Learned Microsoft Azure deployment fundamentals and cloud services.
- Participated in collaborative team activities and client-simulation exercises.
- Developed professional communication and customer-oriented work practices.

PROJECTS

Smart Resume Analyzer

- Developed an AI-powered resume analysis platform for automated skill extraction.
- Integrated AI-based interview question generation features.
- Built responsive frontend and backend API workflows.
- Improved resume screening efficiency through automation.

Resort CRM System

- Developed deployment and booking management workflows for CRM operations.
- Implemented CI/CD pipelines for streamlined deployment processes.
- Used containerization to ensure environment consistency.
- Conducted API validation and testing using Postman.

AI Customer Support Multi-Agent System

- Built a multi-agent AI workflow for automated customer support handling.
- Implemented intelligent query routing and escalation mechanisms.
- Used vector databases and RAG architecture for contextual responses.
- Enhanced response automation and issue resolution efficiency.

Currency Converter Android App

- Created an Android application for real-time currency conversion.
- Designed a clean and user-friendly mobile interface.
- Implemented stable conversion logic with accurate calculations.
- Performed UI testing and debugging for reliability.

CERTIFICATIONS

- IBM Web Development Certification (Coursera)
- IBM Cloud Computing Basics (Coursera)
- MongoDB Basics Certification
- Deloitte Data Analytics Simulation (Forage)