

# Mohamed Arkham Suhail K

arkham750@gmail.com | Chennai India

## PERSONAL SUMMARY

Detail-oriented Java and MERN stack developer with experience in building scalable web applications, improving retrieval systems, and developing AI-assisted document processing workflows. Strong foundation in Java, OOP, MVC architecture, and modern JavaScript frameworks. Skilled in Linux environments, debugging, API development, and cross-functional teamwork.

## SKILLS

- **Programming and backend:** Java, Node.js, Express.js, Python (FastAPI)
- **Frontend:** HTML, CSS, JavaScript, React.js, jQuery
- **Databases:** MongoDB, MySQL
- **Frameworks & Concepts:** MERN Stack, MVC, OOP, RAG, Vector Embeddings.
- **Tools:** Git, GitHub, Linux, Postman
- **Other:** Responsive Web Design, Document Retrieval Systems, Deep Learning Foundations

## EXPERIENCE

Deep Learning Engineer Intern, Future Development Artificial Intelligence, December 2024-April 2025

- Engineered an AI-powered RAG chatbot that enables users to query information directly from uploaded PDF documents.
- Integrated LangChain for document retrieval logic and context management.
- Built backend endpoints using Python FastAPI, orchestrating embedding creation, retrieval, and response generation.

Intern, Harris Infotech, January 2023-April 2023

Chennai, Tamil Nadu

- Developed Train Reservation System model Comprising of Dashboard for Users and Admin Using Springboot, Lombok, hibernate, Thymeleaf
- Comprises of solving programming questions on topics about OOPS and Data Structures And Algorithms.

## EDUCATION

M.Sc

Information Technology, University Of Madras, Guindy Campus July 2025

- Scholarship Recipient (Earn While You Learn)

B.Sc

Computer Science, The New College, Royapettah Chennai May 2023

GPA: 80%

10th Standard

Don Bosco Matriculation Higher Secondary School, Srinivasa Nagar Kolathur Chennai May 2017

## WEBSITES

- [linkedin.com/in/arkham-suhail-k](https://www.linkedin.com/in/arkham-suhail-k)
- [github.com/mohd750arkham](https://github.com/mohd750arkham)

## CERTIFICATIONS

NPTEL: Programming Java, IIT Kharagpur, 2024

## ACHIEVEMENTS

- Percentage: 90% in 10th Standard
- GPA: 8.0 in UG
- Represented the department of Information Technology in cultural events and technical symposiums that took place across the City.
- Elected Executive Member in the Department of Information Technology at The University Of Madras, Guindy Campus (2024 - 2025).

## CONTACTS

- M.H Shoiab, CEO, HarrisInfotech, +91-984 013 5749, [shoiab@haarisinfotech.com](mailto:shoiab@haarisinfotech.com)
- Robert John, CEO, FDAI, +91-735 841 1171, [robertjohn@fdai.in](mailto:robertjohn@fdai.in)

## LANGUAGES

- English, Full Professional Proficiency
- Tamil, Full Professional Proficiency
- Hindi, Full Professional Proficiency
- Urdu, Native or Bilingual Proficiency

## PROJECTS

- Optimized a DONUT + RAG-based document analysis system by significantly improving vector embeddings and retrieval accuracy for extracting structured textbook content.
- Building a full-stack E-Commerce platform with Vite+React and Spring Boot, integrating secure payment gateway services for seamless customer checkout.(Ongoing)