

# ATHARV DHOOT

Applied AI Engineer | Generative AI & LLM Engineer | AI Full Stack Engineer

Azure OpenAI | RAG | Python | JavaScript | Frappe | Cloud Solutions | Enterprise AI Platforms

## CONTACT DETAILS

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## CORE COMPETENCIES

- ➔ Artificial Intelligence Solution Development
- ➔ Enterprise Application Development
- ➔ Product Engineering & Innovation
- ➔ Business Process Automation
- ➔ Intelligent Workflow Optimization
- ➔ Scalable Platform Architecture
- ➔ End-to-End Software Development Lifecycle (SDLC)
- ➔ Cross-Functional Stakeholder Collaboration
- ➔ Agile Project Execution
- ➔ Data-Driven Decision Making

## PROJECTS

### [Fashion Recommender AI Assistant](#)

- ➔ Designed and developed a **Vision AI and LLM-powered fashion assistant** that provided personalized, context-aware outfit recommendations, securing a position in the **Flipkart Grid 5.0 Semi-Finals**.

### [Watch It Now](#)

- ➔ Built a scalable recommendation platform with **Next.js**, **Firebase**, and **TMDB APIs**, optimising content discovery through server-side rendering and responsive design.

### [Personal Website](#)

- ➔ Developed a serverless portfolio platform using **Next.js** and **Sanity CMS**, enabling dynamic content management and showcasing AI engineering projects.

### [Countrypedia](#)

- ➔ Designed a React-based web application **integrating live REST APIs** to deliver real-time country insights through interactive search and visualisation.

## PROFILE SUMMARY & OBJECTIVE

**Applied AI Engineer with over 2 years of experience** designing and delivering enterprise-grade AI applications powered by Large Language Models (LLMs), Retrieval-Augmented Generation (RAG), and cloud-native technologies. Proven ability to build scalable AI platforms that enhance operational efficiency, automate complex business processes, and improve decision-making for large enterprise teams. Passionate about solving real-world problems through Generative AI, backend engineering, and modern full-stack development while delivering high-quality, production-ready software.

**Targeting in Generative AI, Large Language Models (LLMs), Retrieval-Augmented Generation (RAG), Python, Full Stack Development, and Cloud Technologies** to build intelligent, scalable, and business-driven AI solutions that accelerate digital transformation, automate enterprise workflows, and deliver measurable operational impact while continuously expanding my expertise in emerging AI technologies.

## TECHNICAL SKILLS

- ➔ **AI & GenAI:** Azure OpenAI, Azure AI, RAG, LangChain, Prompt Engineering, LLM Applications, GCP Vision AI
- ➔ **Languages:** Python, JavaScript, SQL, Java
- ➔ **Frameworks:** React, Next.js, Node.js, Express.js, Frappe
- ➔ **Cloud & DevOps:** Azure, Docker, Nginx, Application Gateway, Git, GitHub
- ➔ **Databases:** MariaDB, SQL Server, MongoDB, Firebase
- ➔ **Analytics:** Power BI

## WORK EXPERIENCE

### December 2023 – Present | AI & Full Stack Engineer | WNS (Part of Capgemini)

- ➔ Spearheaded the enterprise-wide deployment of an AI-powered Quality Assurance platform across **30+ client accounts**, enhancing audit efficiency for **1,500+ analysts**, achieving **90% audit accuracy**, and reducing **turnaround time (TAT) by 60%**.  
[\(NextGen Audit IQ \(Enterprise AI QA Platform\)\)](#)
- ➔ Engineered and implemented an in-house enterprise workflow platform replacing Smartsheet, accelerating project delivery by **30%** and **generating annual cost savings of approximately \$40K**.
- ➔ Designed and scaled the BPET Opex Tool, a centralized audit management platform that replaced fragmented Excel-based processes, onboarded **80+ users**, and **reduced audit cycle time by 67% (90 to 30 days)**.
- ➔ Developed a Retrieval-Augmented Generation (RAG)-powered AI chatbot that reduced auditor **support queries by 60%** while significantly accelerating enterprise document search and knowledge retrieval.
- ➔ Automated business reporting using Python and Power BI, eliminating manual effort, saving **over 160 hours per reporting cycle**, and **improving reporting accuracy by 40%**.
- ➔ Optimized backend application performance and MariaDB database architecture, reducing **query failures by 40%** and improving overall platform reliability and scalability.
- ➔ Architected and managed Azure cloud infrastructure incorporating **Application Gateway and Nginx**, ensuring **99.9% availability** across 3 production environments.
- ➔ Led cross-functional production migrations and delivered training to **100+ stakeholders**, driving seamless adoption of enterprise platforms and improving operational efficiency.

### January 2023 – December 2023 | Full Stack Developer Intern | NIIT University

- ➔ Developed a campus recruitment platform serving **300+ students** using React, Next.js, Node.js and SQL Server.
- ➔ Built secure authentication using OAuth2, JWT and Role-Based Access Control.
- ➔ Integrated legacy ERP systems without service disruption.
- ➔ Developed end-to-end recruitment workflows for students and faculty.

## EDUCATION

- ➔ **B.Tech. – Computer Science**, NIIT University | 2024