

Abhipreet Choudhary

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Full stack developer with expertise in both Java and Python ecosystems. Experienced in building secure, scalable systems for banking, retail, and healthcare domains. Skilled in Spring Boot, Angular, React, and microservices architecture. Passionate about clean architecture, AI integration, and continuous learning through multiple proof-of-concept projects.

EDUCATION

Bachelor of Technology in Computer Science and Engineering

Dr. A.P.J. Abdul Kalam Technical University MIET

2022

PROFESSIONAL EXPERIENCE

Wipro Limited

Greater Noida, India

Project Engineer / Full Stack Developer

Current

- Developed two secure and tested proof-of-concepts (POC) (Banking Management System and Online Retail Store) using **Java, Spring Boot, React, Angular**, and **microservices** architecture
- Implemented **Swagger** documentation and maintained **ACID properties** in distributed transactions
- Built **JWT authentication** layer and developed scalable **RESTful APIs** with 40% latency reduction
- Designed and implemented a real-time medical transcription system for an internal healthcare solution using **Python (FastAPI)**, **Whisper model**, and **pyannote** pipeline
- Implemented **RAG pipeline** using Tavily API + Gemini Flash 2.0 for symptom-based follow-up prompts
- Developed **React** frontend for live doctor-patient interaction summaries

TECHNICAL SKILLS

- Languages:** Java, Python, JavaScript, SQL
- Frameworks:** Spring Boot, Angular, React, FastAPI, Hibernate
- Tools:** Git, GitHub Copilot, Eclipse IDE, Maven, Postman, Swagger, Linux
- Technologies:** JWT, Microservices, Hugging Face Transformers, RAG
- Architectures:** RESTful APIs, Microservices, MVC

CERTIFICATIONS

- Step Plus (Wipro Internal)** - English Language L1 Dec 2024
- GitHub Copilot Technical (Wipro Internal)** - GitHub Copilot L3 Feb 2025
- Java Certification (Wipro Internal)** - Core Java L1 Jun 2025

KEY PROJECTS

Banking Management System

Java, Spring Boot, Angular, Microservices

- Built account management, fund transfer, and transaction history modules with **JWT authentication** and role-based permissions
- Achieved **99.9% data consistency** through distributed transaction management
- Implemented ACID-compliant transaction processing

Online Retail Store

Java, Spring Boot, React, SQL

- Developed complete e-commerce workflow including product catalog, cart, and checkout system
- Reduced latency by **40%** through query optimization and indexing
- Integrated mock payment gateway API with documentation using Swagger

Doctor-Patient Interaction Scribe

Python, FastAPI, Whisper, React

- Real-time transcription system processing medical conversations
- Implemented RAG pipeline for generating symptom-based follow-up questions
- Developed diagnostic support interface with live summarization