

Abhishek S Deshpande

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EDUCATION

National Institute of Engineering, Mysore <i>Master of Computer Applications</i>	Aug 2023 – Aug 2025
SMIORE PU Science College, Karnataka <i>PU Science</i>	Current CGPA: 8.1/10 Jan 2019
Jaycees High School, Karnataka <i>High School</i>	Percentage: 66.67% Jan 2017
	Percentage: 91.20%

COURSEWORK

- Object-Oriented Programming
- Web Development Frameworks
- Data Structures and Algorithms
- Advanced Machine Learning
- Database Management System
- Engineering for Cloud

SKILLS

Languages: Java, C, C++, Python, SQL, JavaScript, HTML, CSS

Libraries and Frameworks: TensorFlow, Pandas, NumPy, Scikit-learn, Matplotlib, Flask, PyTorch

Technologies: AWS (Lambda, S3, RDS), Git, RAG, LLM, RESTful APIs

Databases: MySQL, MongoDB, PostgreSQL

EXPERIENCE

Prodigal AI

AI Intern

Oct 2024 – Dec 2024

Remote

- Built AI agents for social media automation tasks.
- Performed web scraping and data extraction for AI model training and testing.
- Created documentation for AI workflows and deployment processes.

TNS India Foundation

Software Development Intern

May 2023 – Feb 2024

Bangalore, India

- Developed Java applications with MySQL integration using JDBC.
- Designed user interfaces with HTML, CSS, and JavaScript.
- Applied Object-Oriented Programming principles to enhance code quality.

PROJECTS

Supervised Learning Model

Aug 2023 – Oct 2023

Academic Project

- Built a supervised learning model for classification and regression using Python.
- Utilized annotated datasets and evaluated model accuracy with metrics like precision.
- Implemented real-world applications for predictive and analytical tasks.

Voicer App APIs

Jun 2023 – Jul 2023

Academic Project

- Designed and deployed RESTful APIs for voice data management using AWS Lambda.
- Integrated AWS S3 for efficient storage and retrieval of audio data.
- Focused on scalability and serverless design for optimal performance.

Ship Classification System

Sep 2023 – Nov 2023

Academic Project

- Built a YOLOv8-based model for ship classification with high accuracy.
- Prepared and annotated datasets for model training and testing.
- Deployed and validated the model in real-world scenarios.

TAX Chatbot

Dec 2023 – Jan 2024

Academic Project

- Developed a chatbot using the RAG framework and ChromaDB for tax-related queries.
- Integrated retrieval-based answers with natural language processing techniques.
- Enhanced user interaction and information accuracy.

ACCOMPLISHMENTS

Certified in Java Full Stack Web Development.

Recipient of the RAJYA PURSKAR award from The Bharat Scout and Guides.