

Divyam Dubey

+1 352-682-0794 | divyamdubey@ufl.edu | [linkedin.com/in/divyam2207](https://www.linkedin.com/in/divyam2207) | github.com/divyam2207

Education

Masters of Science in Computer Science

University of Florida

August 2024 – May 2026

Gainesville, FL

Bachelors of Technology in Computer Science and Engineering

University of Technology of Madhya Pradesh

August 2018 – May 2022

GPA: 3.7/4 | Indore, India

Technical Skills

Courses : Advanced Data Structures, Distributed Operating System Principles, Data Engineering

Programming Languages: Python, PHP, SQL, JavaScript, HTML, CSS, Java, Go (learning), Pony (learning)

Frameworks and Tools: Django, Laravel, React, Flask, StreamLit, Git, Linux, VS Code, Jupyter Notebook, Object Oriented Programming, Agile.

Libraries: Machine Learning, Pandas, NumPy, Matplotlib, Pytorch, Deep Learning, Tensorflow.

Certifications: Microsoft Azure-900, Generative AI with LLMs, Neural Networks & Deep Learning.

Experience

Software Development Engineer

Gate 7 Infotech

June 2023 – June 2024

Indore, India

- Implemented a robust real-time data-dashboard platform with PHP, Laravel, JavaScript and SQL, resulting in a **60% increase** in data retrieval speed and a **40% enhancement** in user interaction quality.
- Integrated Authorize.Net and Twilio API to automate recurring billings and customer communication, resulting in a **40% increase in payment security** and a **25% improvement in customer satisfaction ratings**.
- Introduced PDF-based payment reports, automated credit card charge-backs, and customer payment scheduling, **cutting processing time by 50%**, and **improving on-time payments by 25%** within six months.
- Created a customer on-boarding web application from scratch with a custom **credit-scoring algorithm** for car lease applications, **reducing credit risk exposure by 20%** and **improving lease approval rates by 30%**.

Graduate Engineer Trainee

Jio Platforms Limited

November 2022 – June 2023

Navi Mumbai, India

- Collaborated with Jio Events and Jio Cinema teams, rigorously tested APIs in Postman for a live streaming app, and optimized the code for chat module, enhancing real-time communication and **boosting user engagement by 25% for effective product management**.
- Built and implemented a real-time chat moderation system using JavaScript and backend scripting, reducing contentious comments by **40%** and ensuring adherence to community guidelines.

Software Engineer Intern and Full Time

Persistent Systems

February 2022 – September 2022

Pune, India

- Mastered Python, JavaScript, HTML, CSS, GIT version control and SQL during the internship; excelled with a **90% score** and secured a **pre-placement offer**.
- Earned **Microsoft Azure AZ-900** certification to enhance cloud expertise. Utilized technical problem-solving skills to optimize code and contribute to code review discussions, resulting in measurable solution improvements.

Projects

pdfGPT | Python, StreamLit, LLM, GitHub

April 2024

- Developed and deployed a Streamlit-based web application utilizing **open-source LLM models** for conversational document processing. Processing time is optimized by 45% when using OpenAI's APIs.
- Integrated document upload capabilities and text extraction using PyPDFLoader and Docx2txtLoader, combined with HuggingFaceEmbeddings and FAISS for enhanced conversational interaction.

Spotify Party Collab | Python, Django, React, SQLite, API

February 2024

- Designed a Django/React web app integrating **Spotify API** with **OAuth** authentication and login, for collaborative music experiences
- Employed **Django REST API**, **React state management**, and SQLite database for seamless interaction and session management. Integrated interactive Spotify controls for playback and song voting, enhancing user experience with API song features and Django's database.