

MOKSHAD SANKHE

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EDUCATION

Drexel University, College of Computing and Informatics
Master's of Science in Artificial Intelligence and Machine Learning

Philadelphia, PA
September 2025 – March 2027

Vidyavardhi's College of Engineering and Technology
Bachelor of Engineering in Artificial Intelligence and Data Science, GPA: 3.26

Vasai, India
August 2022 – May 2025

Thakur Polytechnic
Post-Secondary Degree in Information Technology (Diploma), GPA: 3.48

Kandivali, India
June 2019 – June 2022

SKILLS

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

Technologies & Frameworks: FastAPI, PyTorch, React.js, Node.js, Express.js, Next.js, Bootstrap, Tailwind CSS

Operating Systems: Ubuntu (Linux), Windows, Virtual Machine environments

Applications & IDEs: VSCode, Eclipse, Git, Cloudflare, Microsoft Office (Word, Excel, PowerPoint), Figma, Wondershare Filmora, Vercel

EXPERIENCE

Software Development (SDE) Intern

August 2024 – March 2025

Scogo Networks Pvt. Ltd.

Navi-Mumbai, India

- Developed an LLM based automation system that fetch the specific types of email data with attachments and convert them into structured json for tickets creation using FastAPI, OpenAI Azure, AWS SES/S3 and pandas
- Developed an asynchronous and scalable backend to optimized concurrency to handle high amount of email data with the attachment files like csv or excel in real time
- Implemented Semantic data extraction, normalization and schema validation, making the Restful API able to integrate with companies CRM/ticketing platform, minimizing manual efforts by 90%

PROJECTS

MultiGPT - Multimodal Retrieval-Augmented Generation

May 2025

- Developed a scalable FastAPI backend with Uvicorn, implementing user authentication, chat history, document processing, audio transcription and image analysis with Multi-Language LLM interaction
- Integrated MongoDB for document and history storage with security features like JWT, bcrypt and OTP verification reducing vulnerabilities by 80% and ensuring efficient operations
- Utilised Cloudflare AI, ElevenLabs and python libraries like pandas, pypdfium2 and matplotlib for chat responses, text-to-speech, file processing, transcript extraction and data visualization improving data retrieval efficiency by 60%

PCOS Assessment App — AI-Based Health Prediction System

May 2024

- Built and trained a machine learning model to predict PCOS risk from user symptoms and medical history in real-time for risk results
- Developed Restful API in python for authentication, questionnaire handling, secure data storage and exchange with frontend
- Implemented MongoDB to store user profiles, inputs and prediction history ensuring optimized backend interaction

ORGANIZATIONS

Technical Head

National Students Data Corps, VCET

June 2024 – May 2025

Vasai, India

Deputy Technical Head

National Students Data Corps, VCET

September 2023 – May 2024

Vasai, India

CERTIFICATIONS

Learn Machine Learning in 21 days, Udemy

August 2024

Machine Learning 101 Course, Guvi

June 2024

Java Programming Fundamentals, Infosys

November 2023

Generative AI Workshop, NxtWave

September 2023

Wondershare Filmora X Video Editing Online Course, Udemy

July 2023