

Manoj Kumar Pradhan

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Education

Vellore Institute of Technology, Bhopal

B.Tech in Computer Science and Engineering

Sep 2022 – Jun 2026 (Expected)

CGPA: 8.55/10

Relevant Coursework: Object-Oriented Programming, Database Management Systems, Data Structures and Algorithms, Operating Systems, Computer Networks, Artificial Intelligence, Generative AI, Machine Learning, Cloud Computing, Cloud Security, Mobile Development, Software Testing, System Design

Skills

Languages: C/C++, Java, Python, Kotlin, SQL

Technologies & Tools: AWS, Docker, Android Studio, **Salesforce Apex**, **Salesforce Lightning Web Components (LWC)** MongoDB, PostgreSQL, Redis, Neo4j, CI/CD Pipelines, Google Cloud Platform, Azure, Git, GitHub, FastAPI, Django REST, GraphQL, Spring, Kafka, RabbitMQ

Work Experience

Outlier AI, US (Remote)

Nov 2024 - Current

AI Trainer

- Assisted in training **generative AI** models by creating and answering computer science-related questions.
- Evaluated and ranked **100+** AI-generated code samples weekly for **accuracy**, **performance**, and adherence to **best practices**.
- Contributed expertise in coding languages like Java and Python to **improve** AI performance.
- Ensured **high-quality feedback** by maintaining attention to detail and clear communication in English.
- Collaborated in a remote, flexible work environment to support AI development projects.

Projects

SubRedditorX

Feb 2025

Kotlin, Jetpack Compose, Room Database

- Developed a python-based bot to automate Reddit posts using Appium and Selenium.
- Integrated Gemini to generate post titles and descriptions dynamically.
- Automated** post creation and interactions on the Reddit mobile app with user-defined inputs.
- Designed a **modular** and **scalable** architecture for easy expansion and future enhancements.

NexAI

Nov 2024

Python, Docker, Streamlit, Cohere API, Web Scraping

- Developed a **multi-agent AI system** for market research and use case generation using FastAPI, Streamlit, and MongoDB, improving industry insights and dataset retrieval.
- Integrated web scraping, LLMs, and Kaggle API to automate data collection, generating over **100+** industry-specific use cases.
- Streamlined deployment with **Docker** for a **30%** reduction in setup time.

MindSync

Apr 2024

Python, Django REST Framework, NLP, TensorFlow, Kotlin, Azure

- Built an ADHD detection model with TensorFlow and Keras, achieving **85%** accuracy.
- Integrated a model into Django REST API, deployed on Azure, and linked it to an Android app, **reducing** response time.
- Optimized ADHD detection on mobile, **reducing** false positives and increasing speed.

Growigh

Jul 2023

Kotlin, Retrofit2, Picasso, XML

- Integrated Picasso to efficiently load images, reducing app loading time and improving overall performance.
- Implemented the News API with Retrofit2 for **seamless** real-time data updates, ensuring accurate and up-to-date content delivery.
- Utilized the GSON converter for structured and efficient JSON parsing, **simplifying** data management and reducing processing time.

Achievements

- Deloitte Hackspllosion:** My team qualified for round 2 and came in **top 100 team** out of **2500+** teams all over India.
- Microsoft AI Odyssey:** Completed Level 1 of the AI Odyssey Challenge.
- Smart India Hackathon:** Qualified the **internal college rounds** of Smart India Hackathon 2024.
- Secured a position among the **top 15** participants in Code Garuda 2022, a university-level coding contest organized by Microsoft Technical Club.