

ANKAN GHOSH

AI-ML Enthusiast — Full-Stack Developer — Freelancer

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EDUCATION

University of Engineering and Management, Kolkata
B.Tech - Computer Science and Engineering - CGPA - 8.1

July 2022 - July 2026
Kolkata, West Bengal

Grace Ling Liang English School, Kolkata
Degree in ISC

June 2019 - August 2021
Kolkata, West Bengal

Don Bosco School, Park Circus
Degree in ICSE

2009 - 2019
Kolkata, West Bengal

EXPERIENCE

Intern at Infosys Springboard ↗

June 2025 - December 2025

Role - Java Full Stack Developer

Remote

- Developing and maintaining full stack applications using **Java, Spring Boot, and MySQL** services.
- Building and integrating RESTful APIs to enable smooth frontend-backend communication.
- Applied MVC architecture for clean separation of concerns in application development.
- Attending training sessions on **Java and Database Management Systems**.

Intern at IBM AICTE ↗

June 2025 - July 2025

Role - Artificial Intelligence and Machine Learning (AIML)

Remote

- Built a salary prediction model using **Random Forest Regressor**
- Developed custom visualizations like **correlation heatmaps and scatter plots** using **Plotly**.
- Implemented key ML pipeline steps such as **data cleaning, feature engineering, and model fallback mechanisms** using **scikit-learn**.

Intern at EY GDS AICTE ↗

December 2024 - January 2025

Role - Full Stack Web Developer

Remote

- Developed seamless integration between frontend and backend for real-time data interaction.
- Integrated third-party APIs and implemented user authentication and authorization.
- Attended training sessions on **MongoDB, Express.js, React.js, and Node.js**.

PROJECTS

NextGen Auto Marketplace Using Next JS ↗ | **JavaScript, Tailwind, Prisma, Shadcn UI**

- Developed a full-stack AI-powered web platform for car listing, search, and smart price prediction.
- Secured user access with role-based authentication and anti-bot protection using ArcJet
- Managed user auth and real-time data with Supabase (PostgreSQL + Auth)
- Implemented client-server rendering with Next.js App Router for enhanced performance and SEO

AI-Powered Exam Prep Assistant ↗ | **Python, Flask, LangChain, HTML5, CSS3**

- Created a Flask-based web app that uses LLMs to generate MCQs from uploaded documents with downloadable output in TXT and PDF.
- Integrated ChatGPT's LLM via LangChain to intelligently extract context and generate clear, accurate MCQs with answers.
- Implemented file handling and text extraction using pdfplumber, python-docx, and secure upload via Flask.

TECHNICAL SKILLS

Languages: Java, C/C++, Python

Technologies/Frameworks: Tailwind CSS, Javascript, React, TypeScript, Node.js, GenAI, PyTorch, Scikit-learn

Cloud Platforms: Google Cloud Platform (GCP), AWS

Databases: MySQL, MongoDB, PostgreSQL, Redis

Developer Tools/Platforms: Git, Docker, Linux, Figma, Canva

CERTIFICATIONS

- AI For India 2.0 - National Skill Development Corporation
- Meta Database Engineer - Coursera
- IBM Full Stack Software Developer - Coursera
- Java Technology Stack - Infosys
- Developer and Technology Job Simulation - Accenture UK Ireland