

Devarth Gupta

Kolkata, West Bengal | +91 8282859348 | guptadevarth@gmail.com | [GitHub](#)

EDUCATION

Vellore Institute of Technology, Vellore - B-Tech Computer Science Engineering (CSE) (**8.23 CGPA**), *Jul 2022 – Jun 2026*

Delhi Public School Ruby Park -XII Board (Percentage – 92.40), 2022

Narayana School Newtown - X Board (Percentage - 97.20%), 2020

SKILLS

Programming Languages: Java, Python, C, C++.

Web Development: HTML, CSS, JavaScript, ReactJS, NodeJs, MongoDB, MERN.

Tools and Technologies: SQL, Agile, Amazon Web Services (AWS).

CS Fundamentals: Data Structures and Algorithms, Object-Oriented Programming (OOPs), Operating System, Database Management Systems, Multithreading, SDLC.

CERTIFICATIONS

Oracle Cloud Infrastructure 2025 Certified Generative AI Professional

- Gained expertise in leveraging Oracle Cloud Infrastructure (OCI) for deploying and managing Generative AI models.
- Acquired in-depth knowledge of OCI Data Science services, model training, and AI inference workflows.
- Learned to integrate large language models (LLMs) and multimodal AI systems using OCI Generative AI APIs.
- Developed practical understanding of prompt engineering, fine-tuning, and responsible AI practices.
- Demonstrated proficiency in designing end-to-end AI solutions using Oracle Cloud's tools and frameworks.

Oracle Cloud Infrastructure 2025 Certified AI Foundations Associate

- Built foundational knowledge of Artificial Intelligence, Machine Learning, and Generative AI concepts.
- Gained practical experience with Oracle Cloud Infrastructure (OCI) AI services and data science tools.
- Learned to design, deploy, and monitor basic AI/ML models using OCI's integrated environment.
- Understood key principles of responsible AI, ethics, and data governance within cloud ecosystems.
- Demonstrated ability to apply AI-driven solutions to real-world business and technology scenarios.

PROJECTS

AI-Powered Merchant Query System – MCP Server Project

- Built an advanced NLP-powered query system using the Model Context Protocol (MCP) to fetch merchant data from distributed sources.
- Orchestrated multi-query functionality within the NLP system, allowing simultaneous processing of three distinct merchant data requests and reduced average query resolution time by 15 seconds.
- Developed a remote client module integrated with Claude AI for intelligent query understanding and response generation.
- Integrated real-time graph and statistics visualizations (e.g., transaction volume trends, regional performance, etc.) into the response pipeline.

Full-Stack Pizza Ordering WebApp

- Designed and developed a responsive full-stack food ordering web app using React.js, Node.js (Express), and MongoDB, enabling real-time menu browsing, order placement, and tracking.
- Implemented Single Sign-On (SSO) authentication using OAuth 2.0 / JWT for secure and seamless user access across sessions.
- Integrated multi-payment gateway support (credit/debit cards, UPI, mobile wallets, and COD) using Razorpay / Stripe APIs, ensuring secure transactions and a smooth checkout experience.
- Built ratings and reviews system with dynamic aggregation in MongoDB to enhance user engagement and improve vendor feedback loops.

ACHIEVEMENTS

- Honored as the Best Scholar with a Gold Medal, recognized for outstanding academic performance, intellectual brilliance, and exceptional dedication to excellence.
- Initiated collaborative animation project, mentoring 15 club members in character design and storyboarding techniques, culminating in a showcase viewed by 200+ students and faculty, fostering creativity and teamwork.