



PARTH GUPTA

B.Tech CSE | SGSITS, Indore (2023–27) | CGPA: 9.35/10 | Branch Topper
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CAREER PROFILE

Full-stack Software Engineer with expertise in backend systems, AI/ML, and scalable architectures. Ranked 1st in CSE branch (CGPA 9.35) with 2 internships delivering production-grade applications. Proficient in Node.js, and React, with strong foundations in database optimization, REST API design and machine learning systems.

INTERSHIP EXPERIENCE

Software Engineer Intern — Engineer Philosophy, Indore May 2026 – Jul 2026

- Developed **full-stack features** (authentication, dashboards, APIs, databases, and payments) for multiple **production applications** across **web and mobile platforms**.
- Performed **web scraping**, **dataset development**, **API integrations**, and **database design** for diverse project requirements.
- Collaborated with the **founder** on **system architecture**, **code reviews** via **Git/GitHub** workflows, and **deployment** with rigorous testing protocols.

Web Developer Intern — InDhanPay, Fintech Startup, Indore Jun 2025 – Aug 2025

- Developed React.js features** for the dealer dashboard and payment platform; fixed production bugs including date validation and security improvements.
- Improved **application security** by implementing controlled visibility for sensitive data; collaborated via Git/GitHub and performed comprehensive web and mobile application testing.

PROJECTS

FloatNote – AI Meeting Assistant Jan 2026 – Apr 2026

- Built a real-time meeting assistant using **FastAPI**, **React** and **Electron**.
- Integrated **Whisper** for speech-to-text and **Tesseract OCR** for screen text extraction.
- Used **spaCy** to extract keywords and action items from conversations.
- Added AI-based meeting summarization and chatbot support using **LangChain** and **FAISS**.
- Stored transcripts and meeting data in **SQLite** with **SQLAlchemy**.

Tech: Python, FastAPI, React, Electron, Whisper, Tesseract OCR, spaCy, LangChain, FAISS, SQLite, SQLAlchemy, Git

MetroMart – Inventory and Sales Management System Jul 2025 – Oct 2025

- Designed and developed a database-driven web application for supermarket inventory, sales, and customer management.
- Modeled a normalized **PostgreSQL schema** with triggers to automate stock updates, returns, and loyalty handling.
- Built **REST-based backend services** to handle transaction workflows and reporting features.

Tech: Node.js, Express.js, PostgreSQL, SQL Triggers, EJS, Database Design, REST APIs, Git

IPL Win Probability Predictor Feb 2025 – Mar 2025

- Developed a predictive analytics system to estimate IPL match win probabilities using historical and real-time match data.
- Applied **supervised and unsupervised learning algorithms** for feature extraction, pattern recognition, and outcome prediction.

Tech: Python, Machine Learning, Supervised and Unsupervised Algorithms, Data Analysis, Pandas, Scikit-learn

TECHNICAL SKILLS

Languages	Python, Java, JavaScript, C++, C, SQL
Web / Backend	React.js, Node.js, Express.js, REST APIs, HTML, CSS, Tailwind CSS
Databases	PostgreSQL, MySQL, MongoDB, Firebase, SQLite
AI / ML	Machine Learning, Scikit-learn, Pandas, LangChain, FAISS, spaCy, Whisper, Tesseract OCR, Generative AI
Tools and Devops	Git, GitHub, Docker, Linux, VS Code
Core CS	DSA, OOP, DBMS, OS, Computer Networks, Agile Methodologies

ACHIEVEMENTS AND CERTIFICATIONS

- Branch Topper:** Ranked **1st in CSE Branch (Batch 2023–27)** — SGPA 9.0+ across all 6 semesters (9.30, 9.15, 9.73, 9.46, 9.10, 9.32); overall CGPA 9.35/10.
- JEE Advanced:** All India Rank 20,541 — Top 2% among 1.1 million candidates.
- NPTel – AI (SMPS):** Top 5% of participants nationwide (Jul–Oct 2025).
- Competitive Programming:** Rating of 1400+ on LeetCode and CodeChef (2024–Present).

POSITIONS OF RESPONSIBILITY AND ACTIVITIES

Student Member, Academic Council – SGSITS, Indore Sep 2025 – Present

- Represented student interests across 5+ academic policy discussions and curriculum review committees.

Varchasva – Annual Sports Meet Feb 2024

- Active volleyball team player; 1st Place – Inter-Branch Tournament, SGSITS Indore.

ACADEMIC DETAILS

- B.Tech CSE** — SGSITS, Indore (RGPV) | 2023–2027 | **CGPA: 9.35/10**
- Class XII (Science, PCM)** — Divya Convent School, Indore (MP Board) | 2023 | **90.2%**
- Class X (General Studies)** — S.I.C.A. School, Indore (CBSE) | 2021 | **95.4%**