Aditya Gosavi

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Education

- **Manipal Institute of Technology [MIT]** — Udupi, India
  Bachelor of Technology - Computer Science (AI&ML); CGPA: 8.48 — 2022 – 2026 (Expected)
  Courses: *Operating Systems, Data Structures, Algorithms, Object Oriented Programming, Artificial Intelligence,*
  Machine Learning, Deep Learning, Computer Vision, Software Engineering, Big Data, Database Management

- **Marathwada Mitra Mandal's College of Engineering [MMCCOE]** — Pune, India
  Class XII, Percentage: 84.5% — 2020 – 2022

- **Loyola High School** — Pune, India
  Class X, Percentage: 91.4% — 2020

Experience

- **Software Development Intern – BNY** — Pune, India
  Payments Enablement Team — *May 2025 – July 2025*
  - **Full-Stack AI Integration**: Contributed to the development of intelligent internal tools combining AI logic with frontend/backend systems.
  - **Hackathon Recognition**: Built and presented a full-stack project that was shortlisted for an internal company-wide hackathon.
  - **Tech Stack**: Worked with Java (Spring Boot), SQL, and Angular to develop and optimize features in an enterprise environment.

Skills Summary

- **Languages**: Python, Java, C, SQL, HTML, CSS, JavaScript
- **Frameworks & Libraries**: Spring Boot, Angular, Django, Pandas, PyTorch
- **Tools & Technologies**: MongoDB, Git, GitHub, Jupyter Notebook, REST APIs, CI/CD, Agile, Unit Testing

Projects

- **Squadify – Football Squad Optimization (Python, MongoDB, React.js, Express.js, Node.js)**: Built an AI-driven football squad optimizer using ML and genetic algorithm to select the best team based on performance stats and chemistry. Features a React dashboard for real-time analysis and a MongoDB backend for data management. Designed for fantasy leagues, clubs, and scouting.
- **Chess Engine (Python)**: Developed a sophisticated chess engine using the Mini-max algorithm with optimized depth control and a robust evaluation function for strong move prediction. The engine features a complete GUI, ensuring an interactive and user-friendly experience.
- **Stroke Prediction Classification Model (Python, Jupyter Notebook)**: Developed a Stroke Prediction classification model in Python using Jupyter Notebook, employing logistic regression to accurately predict the probability of stroke based on various health factors. The model provides reliable insights and aids in early detection.

Achievements

- **Winner – Deloitte Hacksplosion 2025**: Led team to 1st place in a nation-wide hackathon among 11,000+ participants.

Extracurricular

- **President of Blank101**: Led the official Public Speaking club of MIT Manipal, oversaw strategic planning, event management, and cross-functional team coordination.
- **Core Committee – Revels, Manipal**: Organized and led flagship cultural events for MIT's annual cultural festival.
- **Organizing Committee – TechTatva, Manipal**: Managed technical events in MIT's annual tech festival.