Aditya Godse

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EDUCATION

AISSMS Institute of Information Technology — June 2026
Bachelor of Technology in Artificial Intelligence and Data Science — *CGPA: 7.72/10, Pune, India*
- Major Course: DevOps
- Minor Course: Instrumentation Engineering

SKILLS

Languages: C/C++, Python, JavaScript, TypeScript, Ruby, Go, Astro

Tools: Git/GitHub, Github Actions, CI/CD pipelines, GraphQL, Docker, Shell scripts, beautifulsoup, react-native, AWS CLoud, NextJS, ESLint, Tensorflow, Pytorch, OpenCV, Webpack

PROJECTS

hosteze-icons (npm package) | *TypeScript, Webpack, npm* — July. 2024
- Built an internal tool to distribute SVG icons used on the web and mobile applications of hosteze.in
- Built a lightweight bundle using Webpack — *Documentation*

CRM Tool (ETL pipeline) | *Astro, supabase, AWS S3, Python, aisensy* — May. 2024
- ETL pipeline to extract data from multiple sources, transform it to meet business requirements, and load it into a centralized data warehouse on S3. Developed a system for customer communication via whatsapp.

Mermaid Mind (Web/LLM) | *Monaco Editor, LLM, Gemini, Next.js, MongoDB, NextAuth, tRCP,* — May. 2024
- Web application to generate Mermaid diagrams using natural language with gemini-1.5-pro base model.
- Used tCRP for server actions and Zustand for state management.

Moneyball (Android/IOS/Web) | *React Native, JavaScript, Firebase, Google Cloud, Mobile Development* — Feb. 2024
- Cross-platform application to manage financial history with Firebase as a backend, optimizing performance using best NoSQL practices.
- Hosted a website and built an Android application from a single source code

bittorrent client (CLI Tool) | *Go, Concurrency patterns, Bittorrent, Unit Testing, Bencoding* — Jan. 2024
- Build a lightweight software application designed to download large files using the BitTorrent protocol.
- A peer-to-peer (P2P) communication protocol used for distributing large amounts of data over the internet.
- Learnt an efficient way to structure Go projects

Visual Code Studio (Web) | *TypeScript, React* — Dec. 2023
- DSA and pathfinding algorithms simulator.

EXPERIENCE

Chief Technology Officer, Hosteze (Startup) | *AWS, System Design, PWA, GraphQL* — Feb. 2024 - Present
- Responsible for the design, development, testing, and maintenance of the core product, while also maintaining a comprehensive technical documentation for the codebase.
- Built an internal analytical CRM tool that analyzes customer data via an ETL data pipeline to study housing market in Pune and improve our reach.
- Optimized the development workflow using CI/CD pipelines, creating a maintainable and robust application architecture that enhances usability and improves code readability and developer experience.

Maharashtra Watershed Web Scraping | *beautifulsoup, Pandas, Data Analysis* — Nov. 2023
- Collaborated on a research project with college faculty, extracting watershed information in Maharashtra through web scraping the government site.
- Utilized the gathered data for the validation of a QGIS model. | Link

OTHER ACHIVEMENTS

- Title Holder for Asia's Largest Painting on Recycled Paper Canvas — (Aug. 2021)
- Scientist of the Year Award in highschool for Active Participation in Science Fairs — (Feb. 2019)
- 2 times National Level Rope Skipping Gold Medalist (Doube unders & Spot jump) — (2016 - 2017)