

Divyasai Ganti

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EDUCATION

University of Mumbai

Bachelor of Science in Information Technology

Maharashtra, IN

June 2022 – June 2025

EXPERIENCE

GirlScript Summer Of Code Extended

Feb. 2024 – April 2024

Contributor

Java, Python, Web-Dev, MySQL, Git

- Contributed to 5+ open-source repositories on GitHub, primarily in Java, Python, and JavaScript, with a focus on bug fixes, performance enhancements, and documentation improvements.
- Enhanced frontend accessibility in a React project, increasing Lighthouse accessibility score from 74 to 96.
- Collaborated with developers globally through GitHub Issues and Discussions, building strong Git etiquette and version control practices.
- Fixed 10+ issues reported by the community, including UI bugs, state management errors, and async logic problems.
- Improved algorithm efficiency in a Java-based repository, reducing runtime on large data sets by optimizing sorting logic.

PROJECTS

Healthcare Chatbot | React, Node.js, Python, MongoDB

June 2024 - Sep. 2024

- Developed an AI-powered healthcare chatbot using a modular design, incorporating features such as symptom analysis, appointment scheduling, and report generation.
- Integrated a fitness API for health statistics and leverages NLP to process user queries effectively.
- Implemented a MongoDB-backed database and subscription-based access to ensure robust security, seamless user experience, and scalability.

Butterfly –Threat Detection System | React, Node.js, Express, Python, MongoDB

Oct. 2024 - Dec. 2024

- Developed a full-stack AI-powered web platform to enable real-time reporting and management of potential terrorist threats through user submissions, admin controls, and live analytics.
- Integrated NLP models for real-time suspicious text classification (Safe, Spam, Phishing, Malware) and YOLOv8 for object detection in uploaded images to identify weapons and explosives.
- Implemented an interactive analytics dashboard with Chart.js and built robust backend features including report moderation, image uploads with Multer, and secure data handling to support public safety authorities.

ATS Expert | Streamlit, Python, pdf2image, Pillow

May 2018 – May 2020

- Built an AI-powered Applicant Tracking System using Streamlit that evaluates uploaded resumes against job descriptions, offering professional feedback and a percentage match score.
- Integrated Google Generative AI (Gemini model) for analyzing resume content and identifying missing keywords or mismatches with the job description.
- Implemented secure PDF-to-image conversion and environment variable handling using pdf2image, Pillow, and python-dotenv for safe and efficient processing.
- Designed an intuitive and interactive user interface to simplify resume uploads and deliver real-time AI-generated insights directly within the browser.

TECHNICAL SKILLS

Languages: Java, Python, C, C++, SQL, HTML, CSS, JavaScript

Frameworks and Libraries: React, Node.js, Express.js, Flask, FastAPI

Developer Tools: Git, VS Code, Visual Studio, IntelliJ, Eclipse, pandas, NumPy

Databases: MySQL, MongoDB