

JYOTHI V

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PROFILE SUMMARY

Enthusiastic and detail-oriented Software Developer Fresher with a strong foundation in programming, web development, and database management. Passionate about problem-solving, learning emerging technologies, and developing efficient, user-friendly software solutions. Eager to contribute to innovative projects and grow within a dynamic development team.

EDUCATION

Bachelor of Engineering In Computer Science and Engineering Jeppiaar Engineering College CGPA:8.7	2021-2025
Class XII(CBSE) Govt Sr Sec School, North and Middle Andaman Percentage:89%	2020-2021
Class X(CBSE) Govt Sr Sec School, North and Middle Andaman Percentage:84%	2018-2019

TECHNICAL SKILLS

- **Web Technologies:**HTML5, CSS3, JavaScript
- **Programming language:** Python
- **Databases and Data Analytics:** MySQL, MongoDB, MS Excel, Power BI, Data Visualization
- **UI/UX and Design Tools:** Figma, Canva
- **Tools/Platforms:** Git, GitHub, Jupyter Notebook, Google Colab, MySQL Workbench

SKILLS SUMMARY

Web Technologies: Proficient in building responsive and interactive web applications. Experience using VS Code, Git, and GitHub for coding, version control, and project management.

Databases and Data Analytics:

- Skilled in **MySQL** for writing queries, creating tables, using aggregate functions, and database management using the MySQL Workbench.
- Basic understanding of **NoSQL database concepts** such as collections and documents. Familiar with CRUD operations (Create, Read, Update, Delete) for managing data efficiently. Understands how to use MongoDB Atlas for cloud-based database management and deployment.
- Proficient in **Python programming**, covering core concepts such as variables, data types, loops, and conditional statements, file handling and exception handling.
- Basic understanding of **Excel functions**. Skilled in data entry, formatting, and sorting/filtering datasets for analysis. Able to create charts and graphs for visual representation of data. Understands data cleaning techniques to organize and prepare raw data effectively.
- Strong understanding of **data visualization** principles to effectively communicate patterns and trends.

UI/UX and Design Tools:

- Proficient in **Figma** for creating interactive prototypes and collaborative design workflows.
- Experienced with **Canva** for creating professional presentations, infographics, and visual content.

Tools/Platforms:

- Proficient in using **Git** for version control, branching, and managing code history.
- Experienced with **GitHub** for collaboration, code reviews, issue tracking, and hosting projects.
- Skilled in using **Visual Studio Code (VS Code)** as a primary development environment with extensions for debugging, code formatting, and productivity.

CERTIFICATIONS

- Data Science-Besant Technologies, Chennai | Present

- Deloitte Australia Data Analytics Job Simulation on Forage | Jun 2025
- Introduction to Business Analysis Using Spreadsheets-Coursera | Aug 2023
- Web Development Concepts-Infosys Springboard | July 2023
- SQL Concepts & Queries-Infosys Springboard | July 2023
- Python Object-Oriented Programming-LinkedIn Learning | Nov 2022

PROJECTS

Movie Ticket Booking System

- Created a functional and interactive movie booking application demonstrating end-to-end integration of GUI development, Python scripting, and database connectivity.
- Implemented movie, theatre, and showtime selection with dynamic seat allocation.
- Integrated MySQL database for storing user and booking details.
- Implemented validation checks and confirmation message box.

Tech Stack-Programming language: Python, GUI library: Tkinter and Database: MySQL.

HarvestHub: AI-Powered Agricultural Marketplace using AI and Deep Learning

- Developed a web-based platform integrating AI and Deep Learning to connect farmers and buyers.
- Designed a Crop Recommendation Engine for sustainable and high-yield crop suggestions.
- Integrated a Plant Disease Detection System using deep learning for early diagnosis through leaf image analysis.

Tech Stack-Frontend: HTML, CSS, JavaScript, Backend: Python (Flask/Django for AI integration), AI & ML: Python (TensorFlow, PyTorch), OpenCV for image processing

Typing Speed Test App

- Developed an interactive web application that measures users' typing speed and accuracy in real time.
- Implemented dynamic logic using JavaScript to calculate Words Per Minute (WPM), Characters Per Minute (CPM), and error count.
- Designed a responsive UI with HTML5 and CSS3 for seamless usage across devices.

Tech Stack: HTML5, CSS3, JavaScript, GitHub, Netlify.

INTERNSHIP

Web Designer Intern

Xtreme Digital Marketing, Chennai| Oct 2024-Nov 2024

- Designed and developed responsive websites using HTML, CSS, and JavaScript.
- Collaborated with clients to create user-friendly interfaces and improve website performance.

Tech Stack-Frontend: HTML, CSS, JavaScript, React.js and Version control: Git, GitHub

Full Stack Developer Intern

Retech Solutions, Chennai| July 2023-Aug 2023

- Assisted in designing and developing end-to-end web applications using front-end (HTML, CSS, JavaScript, React.js) and back-end (Python/Node.js) technologies.
- Worked with databases (MySQL, MongoDB) for storing and retrieving structured and unstructured data.
- Collaborated with the development team using Git & GitHub for version control and team workflow.

Tech Stack: HTML5, CSS3, JavaScript, React.js, Python, SQL, MongoDB, Git, GitHub, VS Code.