NAGARAJAN M

SOFTWARE ENGINEER

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PROFILE

A problem-solving coder who loves turning ideas into reality with C, C++, Python, and Java. Skilled in OOP, I thrive on solving real-world challenges with tech. Passionate about leveraging programming skills to build high-performance, impactful software

EDUCATION

B E Computer Science and Engineering   **2022 - Present**
Government College of Technology , Coimbatore
CGPA : 6.47

TECHNICAL SKILLS

- Programming Languages : C , C++ , Python , JAVA
- Frontend : HTML , CSS , Java Script
- Libraries : React.js , Tkinter , Numpy , Pandas , Matplotlib
- Database : MYSQL
- Tools : Git , Github
- Backend:Django

PROFESSIONAL EXPERIENCE

Emglitz , JAVA Intern   **July 2025**
- Developed a Contact Management System in Java applying object-oriented principles for clean and reusable code structure.
- Integrated JDBC for seamless database connectivity, enabling efficient CRUD (Create, Read, Update, Delete) operations on contact records.

Elewayte , Python Intern   **July 2024 - Aug 2024**
- Performed data analysis using Pandas and Seaborn to assess gender distribution, salary trends, and departmental pay averages, generating visual reports and CSV outputs.
- Implemented an email and password validation module using regular expressions for real-time format and security checks.

PROJECTS

Expense Tracker
Tech Stack : Django,HTML,CSS,Javascript,Bootstrap,MYSQL
- Built a personal finance tracker to categorize and visualize spending.
- Implemented features to record and monitor daily expenses.
- Helped users make informed budgeting decisions through clear insights.

Text to Speech Convertor
Tech Stack : React.js
- Developed a speech synthesis application using React and react-speech-kit.
- Allowed users to input text, choose from available voices, and adjust speech rate.
- Provided real-time spoken output for the entered text.

Mini Projects : Portfolio , Stop Watch , Todo List   , Simple Chatbot

ADDITIONAL INFORMATION

- **Languages:** English, Tamil .
- **Certifications:** Infosys Springboard (HTML & CSS , JS) , Programming Basics (C , C++, Python)