

HEMAPRIYA VINAYAGAM

Computer Science Engineering Graduate, Crafting Code with Innovation and Precision

CONTACT

- +91 9344979780
- hemapriyavinay@gmail.com
- Pallikaranai Chennai-600100
- | [Portfolio](#) | [Github](#) | [Linkedin](#)

SKILLS

- Programming Languages :**
Java , Python, Javascript
SQL , HTML ,CSS
- Business Intelligence:**
Excel, MS Office, Git
- Machine Learning Libraries :**
pandas,seaborn, scikit-learn
- Tools & Methodologies :**
Eclipse , IoT, Agile Scrum

CERTIFICATIONS

- PYTHON PROGRAMMING
- JAVA PROGRAMMING
- MACHINE LEARNING USING PYTHON
- WEB TECHNOLOGY
- AGILE SCRUM

VOLUNTEER WORK

- NSS Camp Crew / 2022
- Achieved second prize in “Tech Charades” in SJEC .

PROJECTS

Driver Drowsiness Detection

Technologies: Machine Learning, Flask, IoT

- Developed a machine learning system that utilizes facial landmarks to detect driver drowsiness, enhancing road safety.
- Integrated Python-based algorithms for real-time analysis and IoT devices for automated alerts and response actions.

Medical Insurance Cost Prediction

Technologies: Machine Learning (Linear Regression, Random Forest), Python

- Built a predictive model to estimate medical insurance costs, aiding in financial transparency and planning for healthcare providers.
- Utilized Python libraries such as pandas, scikit-learn, and seaborn for data processing and model development.

PATTATHARI | Web Application

Technologies: HTML, CSS, JavaScript, Java, MySQL

- Created a web application designed to help engineering students efficiently track and manage their academic performance by storing and calculating CGPA and GPA.
- Developed the full stack, including the front-end and back-end components, ensuring seamless user experience and reliable data management.

SPOTSTAR | Web Application

Technologies: HTML, CSS, JavaScript, Java, MySQL

- Developed a full-stack web application that combines features of Spotify and Hotstar, offering both music streaming and video-on-demand services.
- Handled both the front-end design and back-end logic, integrating various media streaming services into a single platform.

EDUCATION

MISRIMAL NAVAJEE MUNOTH JAIN ENGINEERING COLLEGE, CHENNAI

B.E. COMPUTER SCIENCE ENGINEERING
2020-2024 / 8.833 CGPA / 88.3%

INFANT JESUS MATRIC HIGHER SECONDARY SCHOOL , CHENNAI

Class X- State Board / 2018 / 83.6%
Class XII- State Board / 2020 / 69.5%