JAIGANESH K

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EDUCATION

Dhanalakshmi College of Engineering   Chennai, India
Bachelor of Engineering in Electrical and Electronics Engineering; CGPA: 8.11   **November 2021 - May 2025**

Velammal Vidhyashram CBSE   Chennai, India
Higher Secondary Education, Percentage: 76.4%   **June 2020 - May 2021**

SKILLS

- **Languages**:   Python, C, C++, HTML, CSS
- **Frameworks**:   Bootstrap
- **Tools**:   GitHub, Pandas, Numpy
- **Platforms**:   Python Idle, Jupyter notebook, Visual Studio Code, Eclipse, CCBP
- **Soft Skills**:   Leadership, Excellent communication, Adaptability, Optimistic

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WORK EXPERIENCE

E-Vehicle Internship at Vaahan Swab | CERTIFICATE   **February 2024**
- During my internship at Vaahan Swab, I worked on electric 2-wheelers and 3-wheelers, helping with dismantling, wiring, and battery testing, including some real-time troubleshooting at an Air Force facility.

Internship at CMRL – AFC Team | CERTIFICATE   **August 2024**
- As part of the AFC team during my internship at CMRL, I worked with ticket collection and QR scanning machines. I also helped troubleshoot and fix hardware issues, making sure station operations ran smoothly and passengers had a better experience.

Data Science Intern -- Gratwin Company | **May 2025 – Present**
- I'm a Data Science Intern at Gratwin Company, working on real-time projects using Python. I'm gaining practical experience in data preprocessing, analysis, and building machine learning models.

PROJECTS

IoT-Based Smart Street Lighting | LINK   **May 2025**
- Worked on an IoT-based smart street lighting system that adjusts lighting based on the environment and tracks air quality in real time, helping improve energy efficiency for smart cities.

Google Playstore Data Analytics Project | LINK   **February 2025**
- Data of Google Playstore was analyzed by data cleaning, data visualization and Particular Data analysis(EDA). Delivered insights on app ratings, categories and trends for decision making and optimization strategies.

Jarvis AI Bot | LINK   **March 2025**
- Created a voice-operated AI assistant with Python that leverages speech recognition for command processing and pyttsx3 for speech synthesis, supporting execution of tasks based on user request.

Cafe Online Ordering System | LINK   **December 2024**
- Designed a responsive frontend for an online café website using HTML, CSS, and JavaScript, allowing users to browse the menu of snacks and juices across all devices.

CERTIFICATION

AWS Academy Cloud Foundations Certificate | CERTIFICATE
- Completed the AWS Academy Cloud Foundations course and learned the basics of AWS and cloud computing.

Google Cybersecurity Professional Certificate | CERTIFICATE
- Gained hands-on experience in full-stack development with best practices and cybersecurity principles approved by Google.

Google Fundamentals of Digital Marketing Professional Certificate | CERTIFICATE
- Learned full fledged Digital Marketing certified by Google.