Abishek K

Coimbatore – 641032

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EDUCATION

B.E Electronics and Communication Engineering   2019-2023

Sri Eshwar College of Engineering, Coimbatore   **CGPA: 8.4**

High School   2017 – 2019

Dr.V. Gengusamy Naidu. Mat. Hr. Sec. School, Coimbatore   **Percentage: 69%**

Secondary School   2007 – 2017

Amrita Vidayalayam (CBSE), Coimbatore   **CGPA: 7.2**

INTERNSHIP

Embedded & IOT- Intern, Software Gateway Solutions, Coimbatore, 13 May 2021 – 28 May 2021

- Internship with IOT & Embedded based projects and course on theoretical part of the IOT & Embedded were taught.
- I was given hardware set to make experiments, provided I gained knowledge in the field which allowed me to explore further in IOT & Embedded Systems.
- I learned the basics of how IOT devices works, connected and managed through internet. This allowed me to make better Ideation in the Internet of Things & Embedded Systems.

PROJECTS

Home Automation Using WIFI | December 2021 – March 2022

- An automated system through which the user can monitor and control the home appliances with the help of WI-FI as a communication module through web Interface.
- Based on the research made method of monitoring and controlling helps out the households to track the appliances helps in reducing the electricity charges.
- Tech Stack: C, HTML, CSS, IDE.

Smart Gardening System | March 2022 – June 2022

- Mobile Application for controlling and monitoring the machineries in garden through a cloud medium for making the plants healthier.
- Automated system provides the data on the basis of live tracking with enabling users to remotely monitor and control their gardens through an intuitive interface, ensuring optimal plant care.
- Tech Stack: Cisco Packet Tracer.

Agro-King | December 2022 – April 2023

- A web application that is integrated with python algorithms and few machine learning techniques that is capable of predicting the plant leaf diseases and to recommend pesticides based on the diseases predicted.
- Extensive research was made on the Plants and how diseases vary across its types for better understanding.
- Tech Stack: HTML, CSS, Java, Java Script, Machine Learning, Python, Application Programming Interface, SQL.

RESEARCH WORK & CONFERENCES

FERTILIZER RECOMMENDATION SYSTEM FOR PLANT DISEASE PREDICTION Research ICAISC 2023 organized by Bannari Amman Institute of Technology

- In order to have an easy and transparency in plant disease affection in the agricultural sector, a framework is proposed here based on machine learning and Artificial Intelligence.
- Simplifies the complexity in agriculture disease prediction, taking variations among different types of diseases, and fertilizers helps in improving the range of prediction.
- This provides specific information and definition of how the blockchain can be implemented in food supply chain.

SKILLS

Programming Language: C, C++, Java, Python HTML5 & CSS3, JavaScript, Reactjs, Spring, SQL.

Tools: Visual Studio code, Android Studio, Eclipse, Arduino IDE, Cisco Packet Tracer, Wireshark, Microsoft office.

Non-Technical: Critical thinking, Leadership, Problem Solving, Creativity, Fast learner, Adaptability, Self-learning.

CERTIFICATIONS

- Java SE8 Programmer (OCJA) – Oracle
- IoT Wireless & Cloud Computing Emerging Technologies – YONSEI UNIVERSITY – Coursera
- Bits and Bytes of Computing - Google- Coursera
- Modern JavaScript: ES6 Basics – Coursera Project Network – Coursera
- Introduction to Packet Tracer – Cisco
- HTML & CSS

RELEVANT COURSE WORK

- Fundamentals of Computer Networking
- Web Development Architecture
- Build Websites using site factory
- Ethical Hacking – Mobile platforms and Network Architecture

AREA OF INTEREST

- Problem Solving
- Web Development
- Networking
- Cloud Computing
- Cyber Security
- Artificial Intelligence

PROFILE LINK

- LinkedIn – https://www.linkedin.com/in/abishek-k-68a9a3198
- GitHub – https://github.com/Abishek6702

DECLERATION

I hereby certify that the above given data are true and correct to the best of my knowledge and belief.

Abishek K