VIVEKANANDAN N

Software Engineer

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🔗 https://cj-vivek.github.io/vivek.github.io   📍 Chennai

SUMMARY

Results-oriented software developer with 4+ years of experience in crafting innovative solutions. Proficient in building robust web applications and optimizing database performance through SQL query engineering. Adept at full-stack development, encompassing UI design, code implementation, testing, and troubleshooting. Possess a strong ability to translate business requirements into technical solutions.

EXPERIENCE

Professional I-Engineer

Altran (Capgemini Engineering)   📅 06/2021 - Present   📍 Chennai

· **Web Design and Development:** Designed and developed responsive, user-friendly web interfaces using HTML, CSS, and React JS.
· **UI/UX Enhancements:** Enhanced UI/UX through iterative design and React JS implementation.
· **NPM Integration:** Leveraged NPM components to accelerate development and improve functionality.
· **Project Management:** Managed projects efficiently using JIRA, ensuring timely delivery.
· **Cross-Functional Collaboration:** Collaborated effectively with testing teams to enhance product quality.

Software Engineer

Arukona Wireless   📅 12/2019 - 05/2021   📍 Chennai

· **Nwdaf:** Engineered Golang-based applications for handling event subscriptions, data management, and user interactions.
· **IoT Management Cloud Platform:** Architected Java-based applications for IoT device management, integrating Azure Cloud services. Developed RESTful APIs and user interfaces.
· **Intruder Alert – Image Recognition:** Built a Python-based intruder detection system leveraging Azure Cognitive Services for image processing.
· **Data Engineering:** Designed and implemented data collection pipelines using Python to analyze router usage and transmit data to IoT cloud platforms.
· **Collecting Statistical Data:** Created robust backend services using Java, Golang, and SQL for various applications, including commissioning panels and edge analytics.

COURSES/CERTIFICATION

IoT, JPA Solutions Velachery
Oct 2018 — Dec 2018

Internet Of Things (Iot) Certification

Certificate of Internship

EDUCATION

MCA

Crescent Institute of Science and Technology

📅 07/2017 - 05/2019   📍 Chennai

GPA
8.43 / 10

INTERNSHIP/PROJECTS

Developer, Infodsign

📅 12/2018 - 04/2019   📍 Chennai

· Designed and implemented innovative software solutions.
· Leveraged C# to develop robust, scalable, and maintainable web applications.
· Optimized database performance through the creation and refinement of SQL queries.

Text Editor

📅 07/2018 - 12/2018   📍 Chennai

· Developed a feature-rich text editor application with functionalities including text formatting, saving, and user-friendly interface elements like a dock for quick access to common tools.

Timetable Generator

📅 2016 - 04/2017   📍 Chennai

· Designed and implemented a timetabling application to optimize resource allocation and user productivity. Provided a user-friendly interface for generating personalized timetables.

Measuring Humidity using DHT22

· Developed a Python-based system utilizing Raspberry Pi and DHT22 sensor to monitor room humidity. Currently expanding the project to incorporate an air cooler for humidity control.

SKILLS

React JS   JavaScript   IoT   Python

Java   Golang   HTML & CSS   Git

SQL   Visual Studio