Marvellinus Vincent
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Profile

Recent Computer Science & Information Systems graduate with experience building full-stack applications. Passionate about building scalable applications with strong problem-solving and collaboration skills

Education

Indiana University   January 2021 – December 2024
B.S. in Computer Science & B.S. in Information Systems   GPA: 3.61 / 4.0

Courses taken: Software Engineering for Information Systems, Distributed Systems, Database Concepts, Applied Algorithms, Data Structures, Mobile App Development (Android), Object-Oriented Software Methods, Systems Programming with C & Linux, Introduction to Data Analysis & Mining, Introduction to Artificial Intelligence

Projects

RateMyUniversity   https://ratemyuniversity.io

- Engineered a **full-stack web** application enabling authenticated and anonymous university reviews, with secure **JWT-based auth** and **PostgreSQL** user/session management
- Designed an **interactive frontend** with responsive UI components using **React hooks** and **state management**, improving user engagement
- Implemented **access control** and **rate-limiting middleware** to safeguard sensitive endpoints and prevent misuse, ensuring that both logged-in and anonymous users can interact with the platform securely and efficiently
- Collected and displayed authenticated and anonymous reviews; current version has **3+ early users** with live deployed infrastructure for scaling

Arctic Depth IDE Theme   https://arcticdepthshowcase.vercel.app

- Designed a high-contrast, **dark blue IDE theme** tailored for developers who appreciate rich blues and a futuristic aesthetic
- Published on Visual Studio Code Marketplace, npm, and Zed, with **200+ downloads** across platforms

StatSpot (Currently awaiting Extension Quota Request)   https://spotifystattrack.vercel.app

- Developed and deployed a personalized **Spotify web application** using **Express** and **React**
- Implemented features for visualizing user data including top artists, top tracks, detailed audio information for each track, recently played tracks, and more
- Enabled functionality to save new tracks to playlists based on recommended tracks from existing playlists, utilizing **Spotify's API**

Experience

Mobile App Development Associate Instructor   **August 2024 – December 2024**
Indiana University   Bloomington, IN, USA

- Mentored **30 students** in mobile app development, assisting them with Android Studio, UI design, and debugging
- Supported students in completing weekly projects and two major projects with the option to publish on the **Google Play Store**

Data Mining Teaching Assistant   **January 2024 – May 2024**
Indiana University   Bloomington, IN, USA

- Provided personalized guidance to students on data mining concepts, algorithms, and methodologies, fostering their understanding and problem-solving skills

Private Coding Tutor   **December 2022 – December 2023**
Self Employed   Bloomington, IN, USA

- Taught fundamental programming concepts such as variables, loops, conditionals, functions using primarily **Python and some Java**
- Assisted students in understanding core computer science principles such as **data structures**, **algorithms**, and **object-oriented programming**
- Assessed student progress and provided regular feedback to track their development and identify areas of improvement

Skills

Python, Java, React, Django, SpringBoot, JavaScript, Node.JS, Express.JS, C, Linux, C#, Kotlin, Agile, Swift, HTML, PostgreSQL, SQL, NoSQL, RestAPI, CSS, R, Git, Docker, Tableau, MongoDB, CI/CD