KAVINKUMAR B
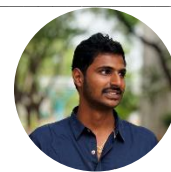
in LinkedIn | ☎ +91 8072677947 | ✉ kavinkumar.cs21@bitsathy.ac.in | ⌗ GitHub

Skills

- C | Java | HTML | CSS | JavaScript | Python | MySQL | PHP | Git | GitHub
- Azure | Cloud Computing | OOP
- Frontend | Backend | English, Tamil – *All intermediate or above*

Projects

Patient-Doctor Portal   06/2023 - Current

- Led the execution of patient engagement initiatives, including the creation of an interactive mobile app, which led to a 30% increase in patient self-management and a 20% reduction in healthcare costs.

Document Management Portal   02/2023 - 04/2023

- The document management portal is an online platform developed to provide secure and easy access to company documents for authorized personnel.
- The portal streamlines document management, and collaboration, and enhances data security with access controls and audit trails with the technologies of **PHP, Python, MYSQL, HTML, and CSS**.
- Continuous Integration/Deployment Pipeline Integration, pull requests, code reviews, load/stress testing.

Invigilator and CoE Portal   12/2022 - 04/2023

- Streamlining the crucial and time-consuming task of invigilation duty, the software I have developed is set to go live within a few months, catering to the Controller of Examinations at my college.
- The existing manual process often leads to confusion and inefficiencies, especially when it comes to staff availability and addressing last-minute queries. Moreover, managing all the records manually makes it challenging to make changes or updates in real-time.
- Automated and optimized business logic for the core marketing experiments, including A/B, Auto-Targeting, and Multivariate Testing.

Event Registration Portal   11/2022 - 12/2022

- The Event registration Portal with seamless user registration, customizable problem statement registration, and an admin panel for data management, this portal aims to enhance collaboration, innovation, and creativity among participants.
- The existing manual process often leads to confusion and inefficiencies, especially when it comes to staff availability and addressing last-minute queries. Moreover, managing all the records manually makes it challenging to make changes or updates in real time, and it is **60%** convenient and time-saving.

Discussion Forum   09/2022 - 10/2022

- I spearheaded the creation and successful implementation of a dynamic online discussion forum explicitly tailored for entrepreneurs and investors.
- Through strategic marketing initiatives, we attracted a diverse and engaged community of entrepreneurs and investors, ensuring active participation and valuable insights. Here **Ajax** is used to retrieve data from a server asynchronously.

Education

Bachelor of Engineering   **Bannari Amman Institute of Technology**   *Erode, Tamilnadu*   **2025th Batch**

- Major in Computer Science and Engineering (Pursuing) | CGPA - 8.26 (Till 3rd Sem)

Consultancy Works

- **Document Vault:** Developed Internal Document Management Software with High Security | Valued at Rs. 80,000 **(02/2023 - 04/2023)**
- **User Management Portal:** Achieved within Rs. 45,000 budgets for **s**eamless user info, salary, and attendance management

Achievements

- **Winner of Hackathon**: Automated Invigilation & CoE Software | Rs. 10,000 Prize | Upcoming Implementation at my College **(02/2023)**
- **Runner-Up in Robotic Contest**: Maze Solver Competition | Achieved 95% Faster | Rs. 5000 Cash Prize **(03/2023)**

Others

- **Patent**: Ambient Air Quality Analysis using Quality Index [Filed]
- **Paper Presentation**: Based Automation of Home Appliances | Improving the Mobility Performing of UGV Vehicles
- **Online Course:** Introduction to ToT – NPTEL | Fundamentals of Deep Learning – NVIDIA DLI