VIMAL MATHEW

Disciplined and motivated individual with a strong foundation in software engineering, programming, and computer networking. Actively seeking a system engineer position to further enhance my expertise and collaborate within a cohesive team to utilize my technical skills and proficiency in designing and developing software applications.

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in linkedin.com/in/the-vimal-mathew

SKILLS

- Software Development: Auditing, Technical Support, Testing, Routine Maintenance, Software Update.
- Programming Languages: Java, Python, C.
- Web Development: HTML, CSS, JavaScript, Django.
- Database Management: MySQL, MongoDB.
- Tools/Technologies: Git, Docker, Kubernetes, Vmware.
- Methodologies: Agile, Version Control.
- Other Skills: Team collaboration, Problem Solving, Monitoring, Guidance, Detailed Oriented, Reliability, Supportability, Configuration, Documentation, Efficiency, Troubleshoot

EDUCATION

Union Christian College, Aluva

Master of Computer Applications (MCA) - 7.93 (First Year).   08/2023 - 06/2025(Ongoing)
Mahatma Gandhi University, Kottayam.

School of Technology and Applied Sciences, Edappally

Bachelors in Computer Science (Bsc CS) - 6.68 GPA   07/2020 - 06/2023
Mahatma Gandhi University, Kottayam.

ACHIEVEMENTS

- Selected as one of 10 members of the Campus Coders Hub MCA-UCC, through a rigorous selection process involving self-learning of web automation using Python Selenium. Currently involved in the development of a comprehensive website unifying 8+ critical college systems, showcasing a strong sense of responsibility and commitment to professional growth through teamwork.
- Earned an NPTEL Certification in Database Management Systems (DBMS) by completing a 12-week course, demonstrating proficiency in relational database concepts, normalization techniques, query optimization, and advanced SQL operations.
- Authored a GitHub Wiki on Pylint, detailing coding standards, quality validation, and maintainability practices for Python projects, adopted by peers to enhance project outcomes, which improved code quality across the team. The initiative resulted in a 25% reduction in code review time and increased consistency in project contributions.
- Certified in a Flutter Development Hands-on Workshop, gaining practical experience in building cross-platform mobile applications, mastering widget-based UI design, state management, and API integration.

PROJECTS

SmartStudy | Python, Django, MySQL, HTML, CSS, JavaScript   08/2024 - 11/2024
- Developed a comprehensive platform to manage tasks, schedules, and academic activities for 200+ users, reducing time spent on task organization by 30% and improving progress tracking accuracy by 20%.
- Designed a shared dashboard for streamlined performance tracking between teachers and students.
- Automated lecture and lab scheduling, cutting manual schedule management efforts by 25%.
- Improved assignment submission workflows, increasing efficiency for both teachers and students

Disaster Management System | Python, Django, MySQL, HTML, CSS, JavaScript   01/2023 - 03/2023
- Engineered a disaster response platform, enabling Kerala authorities to manage resource allocation and communication during emergencies, improving volunteer coordination efficiency by 35%.
- Created centralized admin controls for streamlined data management.
- Developed authority modules for police and disaster management teams to allocate resources more effectively.
- Built user modules for disaster victims to request aid and report emergencies, increasing system utilization by 50%.