Madhushan Karunachandra

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Personal Profile Statement

I am MERN Stack and Java developer, 3rd year undergraduate, who is currently following a Software Engineering Degree. I am really passionate about the Software Engineering field and working in a competitive and innovative environment that would allow me to utilize and sharpen my programming and software development skills.

Skills

Java, React.js, Node.js, Express (MERN), JavaScript, JSP, Servlets, PHP, jQuery, Maven, HTML, CSS, Bootstrap, Tailwind CSS, JavaFX, MySQL, SQL, mongoDB, Eclipse, Postman, XAMPP, Heroku, knowledge about RESTfull API, design patterns, MVC, Micro Services Architecture, Docker and Kubernetes

Education

- **BSc (Hons) in Software Engineering**, Sri Lanka Technological Campus – **Reading** (2020 – 2024)
  - Current GPA: 3.35
    - Object Oriented Programming
    - Programming Concepts
    - Communication Protocols and Models
    - Virtualization, etc…
- Completed Assured Diploma in Information Technology (DiTEC), ESoft Metro Campus, Piliyandala (2019)
- Completed G.C.E. A/L, Central College Piliyandala – 2019
  (Combined Mathematics – B, Physics – B, Chemistry – B)

Professional Training and Qualification

- Google IT Support Specialization and Professional Certificate, Google (Coursera- 2020)
  This five-course specification covered the basics of troubleshooting and customer service networking, operating systems, system administration, and IT security.

Projects

- Web based chat application (2021)
  This application included private chat, private group chat, public chat rooms, log in and registration, admin dashboard for analyzing chat application details and generating reports as plots and tables. HTML, CSS, PHP, JavaScript, Bootstrap, jQuery, Ajax, MySQL, R (with RMySQL, dygraphs packages), Ratchet, PHPMailer, and Google Authentication were used to create this application.

- [Bidding System (2021)](#)
    This system is a combination of client-server architecture and publisher-subscriber architecture. This server can handle multiple clients (Traders and Companies), communicate through the same network through sockets, contains User Interfaces and this system has the overall basic functionality of a bidding system. This system was created by using Java (Network programming).

- More projects – https://kavishkamk.github.io/

Extra-Curricular Activity

- Deputy Head Prefect of Senior Prefects' Guild of Central College, Piliyandala (2018)
    - Organized a project to help 3 schools in rural areas in Galle as prefect Guild with Moratuwa Campus
    - Organized prefects' days, Teachers' days, and section matches like events with our other members of Prefect guild.
    - Organized blood donation camps, and big matches like events with the old boy Society.
- Senior Prefect of Senior Prefects' Guild of Central College, Piliyandala (2017-2018)
- Treasurer Officer of Buddhist Society of Central College, Piliyandala (2018)

References

Mr. H.M.D.P Bandarathilake,
(Reading MPhil (PGIS, SL), MSc in Industrial Mathematics (PGIS, SL), BSc (Hons) in Mathematics (Kelaniya, SL),
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