Mohammed Muneef

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" Seeking a challenging Software Engineer Intern, Trainee, or Junior position to apply my technical skills, solve real-world problems, and advance my software engineering career."

WORK EXPERICNE

DotTech Softwares (PVT) LTD, Sri Lanka **Fulltime**
Software Engineer Intern *Sep 2024– Feb 2025*

- Developed a responsive web application using React.js and Tailwind CSS to enhance user experience across devices.
- Collaborated with a team of four to implement a RESTful API using Node.js and Express, enabling smooth data communication between frontend and backend.
- Optimized MongoDB queries to improve overall application performance.
- Integrated JWT-based authentication to ensure secure user account access.
- Participated in code reviews and adhered to Agile methodologies to maintain high code quality and team efficiency.
- Deployed the application using AWS S3 and EC2, ensuring reliability and scalability of the web service.

EDUCATION

University of Moratuwa, Sri Lanka **Expected Graduation - 2026**
Bachelor of Information Technology (BIT)

Sri Lanka Institute of Advanced Technological Education, Kegalle, Sri Lanka **2022 - 2024**
Higher National Diploma in Information Technology (HNDIT)

Developers Stack Academy, Panadura, Sri Lanka **2023**
Diploma in Software Engineering

Esoft Metro Campus, Kandy, Sri Lanka **2022**
Diploma in Software Engineering (DiSE)

SKILLS

Languages: PHP, Java, JavaScript, TypeScript, Node.js
Frameworks & Libraries: Bootstrap, Tailwind CSS, React
Database: PostgreSQL, MySQL, MongoDB
Tools & Technologies: Git, GitHub, Visual Studio Code, IntelliJ IDEA, MySQL Workbench, Heidi SQL
Concepts: Responsive Design, MVC Architecture, Layered Architecture
Soft Skills: Quick Learner, Team Work, Leadership, Problem Solving, Time Management, Critical Thinking

PROJECTS

Hospital Management System

- Technologies Used: Java, JavaFX, MySQL.
- Developed a comprehensive hospital management system with modules for patient registration, appointment scheduling, and medical records management.
- Implemented a user-friendly interface using JavaFX, ensuring smooth navigation and efficient data entry.
- Designed and managed the MySQL database to store patient information, appointments and medical history securely.

Point of Sale System

- Technologies Used: Java, JavaFX, MySQL, Hibernate.
- Created a point-of-sale system to manage sales transactions, inventory and customer management for retail businesses.
- Built an intuitive interface with JavaFX to facilitate easy use by sales staff.
- Integrated Hibernate for object-relational mapping to interact with the MySQL database, handling product inventory, sales records, and customer data, ensuring accurate and efficient transaction processing.

Student Management System
- Technologies Used: Java, Hibernate.
- Developed a student management system to handle student enrolment, course management, and academic records.
- Utilized Hibernate for efficient data persistence and retrieval, ensuring smooth database operations.
- Created a modular design allowing easy maintenance and future enhancements.

ERP System
- Technologies Used: HTML, CSS, JavaScript, PHP, MySQL.
- Designed and implemented a comprehensive ERP system encompassing customer management, item management, and reporting modules.
- Executed robust CRUD operations for efficient management of customers and items.
- Created diverse reports, such as invoice summaries, invoice item breakdowns, and item analytics, to enhance data insights and analysis.

Personal Portfolio Website
- Technologies Used: HTML, CSS, JavaScript.
- Developed a personal portfolio website to showcase projects and skills.
- Implemented responsive design principles to ensure compatibility across devices.

Extracurricular Activities

Senior Prefect, Al Azhar College   **2019 - 2020**
- Led and managed student activities and events.
- Represented the student body in discussions with administration.
- Coordinated with other prefects to ensure discipline and a positive school environment.

Member, Emirates Sports Club   **2022 - 2023**
- Participated in club meetings and activities.
- Assisted in organizing sports events and tournaments.
- Worked as part of a team to promote sportsmanship and healthy competition.

Awards and Certificates

First Place in Football Competition, Annual Inter-House Sports Meet   **2016**
Awarded by: Al Azhar College
- Played a key role in achieving first place, demonstrating teamwork and collaboration.
- Exhibited dedication and hard work throughout the competition.

Certificate of Completion, Preliminary First Aid Course   **2015**
Awarded by: St. John Ambulance Association
- Successfully completed the preliminary first aid course, showcasing the ability to learn and apply new skills.
- Passed the proficiency examination, reflecting commitment and attention to detail.

Third Place in Football, Mawanella Zonal School Games   **2016**
Awarded by: Zonal Education Office Mawanella
- Contributed to securing third place for the team, demonstrating perseverance and teamwork.
- Showcased dedication and hard work to achieve a notable position.

Referees

Ms. AHMTC Bakmeedeniya	Eng. Ms. Y.M.R.D Wepathana	L.A. Hasika Sandaruwan
Lecturer(Probationary)	Head Department of IT SLIATE,	Associate Software Architect
Department of ICT Uva	ATI-Kegalle	Seekers Cloud
Wellassa University	Lecturer	Lecturer
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