Asyad Nazeem

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Professional Summary

Software Engineer with hands-on experience in developing ERP systems and web-based solutions using PHP, MySQL, and modern frameworks like React and Node.js. Skilled in full-stack development, database design, and performance optimization, with a proven ability to deliver scalable and efficient software solutions. Currently pursuing a BSc in Software Engineering with a strong focus on innovative, business-oriented applications. Adept at collaborating in Agile environments to meet deadlines and exceed client expectations.

Professional Experience

Csquare Technologies   **Colombo, Sri Lanka**

Associate Software Engineer   *Jan 2024 - Jan 2025*

- Spearheaded the development of a modular ERP system, enhancing integration across business units and reducing data retrieval times by 20%.
- Designed scalable MySQL database schemas to improve application performance and enable data analytics.
- Led cross-functional collaboration to implement scalable software architecture, adhering to Agile methodologies.
- Optimized backend systems by following best practices, reducing maintenance time by 15%.

Software Engineering Intern   *Aug 2023 - Jan 2025*

- Supported the end-to-end development and deployment of web applications using PHP, MySQL, and JavaScript.
- Executed unit tests and achieved 95% code coverage, ensuring robust functionality.
- Collaborated with senior engineers to deliver projects on time, meeting client specifications.

Education

Cardiff Metropolitan University

Bachelor of Science in Software Engineering   *Expect Graduation, Nov 2025*

- Successfully completed a Higher Diploma in Software Engineering and Computing in November 2022 and graduated in February 2023.
- Currently pursuing the final year of the BSc program, with a strong focus on full-stack development, web application design, and modern frameworks like React, Node.js, Express.js, and MongoDB.
- Actively enhancing skills in building dynamic, scalable, and efficient web solutions, leveraging knowledge in both front-end and back-end development.

Skills

- **Programming Languages:** PHP, JavaScript, Python
- **Web Technologies:** HTML, CSS, Bootstrap, React, Node.js
- **Databases:** MySQL, MongoDB
- **Tools & Frameworks:** Express.js, Git
- **Other Skills:** Performance optimization, Test-driven development, Agile methodologies

Projects

ERP System Development   *Role: Developer | Organization: Csquare Technologies*

Technologies Used: *PHP, MySQL, HTML, CSS, JavaScript, Bootstrap*

- Contributed to the design, development, and maintenance of a comprehensive Enterprise Resource Planning (ERP) system tailored to streamline business operations.
- Key features:
  - **Point-of-Sale (POS) Module:** Integrated advanced POS functionalities, including discount applications, gift voucher redemption, barcode scanning, item return management, and customer registration.
  - **Day-End Sales Reports:** Automated daily sales reporting with detailed transaction summaries for management.
  - **Goods Receipt Notes (GRN):** Developed modules to record and track received goods, ensuring accurate inventory updates.
  - **Purchase Order Management:** Streamlined purchase order creation, approval, and tracking for efficient procurement processes.
  - **Goods Transfer Notes and Reporting:** Enabled seamless tracking of inter-branch or warehouse goods transfers with comprehensive reporting capabilities.
- Actively enhancing skills in building dynamic, scalable, and efficient web solutions, leveraging knowledge in both front-end and back-end development.