HNIN WAI

SOFTWARE DEVELOPER

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Software Developer with **5+ years of experience** in building scalable web applications and backend systems. Proficient in **JavaScript, Node.js, Java, Spring Boot, and RESTful API** development, with expertise in both relational databases like MySQL and Oracle. Skilled in full-stack development, utilizing **ReactJS for front-end integration**. Experienced in optimizing database schemas, ensuring system performance, and conducting comprehensive testing.

Certifications

AWS Certified Solutions Architect – Associate

Technical Skills

Software Development Life Cycle (SDLC) | SOLID principles | Application programming interface (API)

Security | Asynchronous Programming | Relational Database

Backend: JavaScript, Node.js, Express.js, JWT, RESTful APIs architecture

Frontend: JavaScript, React.js, Material UI, Bootstrap, HTML, CSS

Databases: MySQL, MSSQL, Oracle, RDBMS

Cloud Platform: Oracle, AWS

DevOps & Tools: Git, Docker

Tools: Visual Studio Code, IntelliJ, Eclipse, GitHub

Other Skills: Java, Spring Boot, JUnit, AngularJS, Typescript, NestJS, Next.js, MongoDB, GraphQL

Experience

COMMUNITY PARTNERS INTERNATIONAL, Yangon, Myanmar   **09/2018-07/2023**

Software Developer

- Developed Health Management Information System **using Node.js, React.js, and Oracle database**, ensuring health data availability and elevating healthcare standards in remote areas.
- Implemented **RESTful APIs using Express.js** and integrated them with front-end components, achieving a 30% enhancement in front-end performance and functionality by ensuring seamless data flow.
- Created responsive UI components and designed **a user-friendly interface using Material UI** and React.js, significantly enhancing user experience for healthcare staff and administrators, and increasing client satisfaction and customer relationships.
- Designed scalable database schemas and optimized queries for Oracle to handle large volumes of health data.
- Conducted comprehensive end-to-end testing to ensure application stability and performance, identifying and resolving critical issues early in the development cycle.

MYANMAR INFORMATION TECHNOLOGY PTE LTD., Yangon, Myanmar   **01/2015-08/2016**
Software Developer

- Implemented Health Information Management System and integrated with pharmacy **using VB** for the window version and **Java** for the web version, streamlining development efforts and enhancing reusability.
- Developed intuitive interfaces with **AngularJS** and Java, elevating client satisfaction and experience, drafting end-user documentation, and fostering positive customer relations.
- Utilized **MVC patterns** for streamlined maintenance, resulting in 20% efficiency gains during change requests and version management.
- Improved team productivity by 30% through the development of functional modules, and efficiently recorded patient data into the application, reducing manual efforts by 50% with **MSSQ**L-driven reporting queries and error resolution.
- Conducted rigorous testing on all data entry forms before production, resulting in significantly reduced errors upon application launch.

ACADEMIC PROJECTS

Maharishi International University (2024) – **Electronic Badge/Attendance System:** The system either allows or denies access based on built-in rules and keeps track of attendance. It was developed using Spring, Spring MVC, Spring Boot, Spring Data JPA, and Spring Cloud Services to create a RESTful system of microservices.

Maharishi International University (2023) – **Property Management System:** Property management portal is a web-based java project where house owners and customers can exchange information effectively and inexpensively. This system provides a user-friendly interface by utilizing ReactJS, Spring Boot, Hibernate and PostgreSQL.

Maharishi International University (2023) – **Product Management System:** Product management system is a web-based application where sellers can create products and customers can buy these products. Deploy frontend React.js application into S3 bucket, backend Spring boot project in EC2 instance and database was MySQL in AWS cloud. Build a fault-tolerant, highly scalable and production-ready API on the cloud.

Education

Master of Science in Computer Science

Maharishi International University, Fairfield, Iowa

Completed on-campus studies (08/2023 - 04/2024), In progress via distance online education; expected completion 04/2026; **Available for full-time, W-2 employment.**

Key Courses: Web Programming, Cloud Computing, Web Application Architecture, Enterprise Architecture

Bachelor of Computer Science (Honors) in Computer Science,

University of Computer Studies, Yangon, Myanmar