YEU HUEY LIEU

SOFTWARE ENGINEER

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ABOUT ME

SINGAPORE PR

Experienced Software Engineer with 3+ years in building scalable, secure applications across both backend and frontend. Skilled in server management, load balancing, clustering, and database optimization. Recently expanded expertise in AWS, Docker, and DevOps practices. Committed to delivering user-focused solutions and eager to contribute to a dynamic team in a Software Engineer and Full Stack Engineer role.

LINKS

LinkedIn:
xwww.linkedin.com/in/lieu-yeu-huey-62867114b

Project Demo:
https://drive.google.com/file/d/1_i0CttO-nIulk7QLNZA-hQVmaCh...

PROGRAMMING RELATED SKILLS

- NODEJS/JAVASCRIPT/TYPESCRIPT/REACTJS (ANGULARJS FRAMEWORK)
- JAVA (STRUT & STRIPE FRAMEWORK)
- MYSQL/POSTGRESQL/T-SQL
- C/C#/C++
- HTML/CSS/PHP
- PYTHON
- JQUERY
- WATERFALL/ AGILE/SCRUM METHODOLOGIST

TOOLS/PLATFORM

IDE: JAVA EE/ ECLIPSE /VISUAL STUDIO/ ANDROID STUDIO/VISUAL STUDIO CODE

REPOSITORY: GIT/GITHUB/GERRIT/BITBUCKET/JIRA

ISSUE TRACKER : BUGZILLA/REDMINE/JIRA

AUTHENTICATION: TOKENS/COOKIES

RESTFULAPI/SOAP

POSTMAN

XAMPP

PUTTY/WINSCP/FILEZILLA

DATABASE: FIREBASE/ MSSQL /MYPHPADMIN / PGADMIN

CI/CD : DOCKER (CREATE IMAGE/RUN CONTAINER/PORT & NETWORK CONFIGURATION/ORCHESTRATION)

WINDOW BASED OS (POWERSHELL/CMD)

LINUX BASED OS (REDHAT/UBUNTU)

ON-PREMISE: ESXI/VCENTER

CLOUD: AWS (EC2, S3, SECURITY GROUP)

NETWORKING TROUBLESHOOTING (TRACEROUTE/ PING TEST / PORT TEST)

PROTOCOL (HTTPS/ICMP/SMNP/SMTP/ FTP/SFTP/TCP/ UDP /SSH)

FLOWCHART: MICROSOFT VISIO/ LUCIDCHART/DRAW.IO

DOCUMENTATIONS

SDS/SRS/REQUIREMENT DOCUMENT

SEQUENCE DIAGRAM/USE CASE/ENTITY-RELATIONSHIP DIAGRAM`

TEST SCRIPT/ TEST CASE / TEST PLAN

INCIDENT REPORT/ MINUTES OF MEETING REPORT

CHANGE REQUEST DOCUMENTS/ SR DOCUMENT

GUIDANCE/ MANUAL FOR L1 & L2 SUPPORT

LANGUAGES

ENGLISH

CHINESE

MALAY

EDUCATION

CISCO NETWORKING ACADEMY
2018

CCNA CERT

UNIVERSITY MALAYSIA PAHANG
2021

BACHELOR DEGREE IN SOFTWARE ENGINEERING
- 3.64 CGPA

WORK EXPERIENCE

CYBER VILLAGE
KUALA LUMPUR
Mar 2021 - Aug 2021

WEB APPLICATION DEVELOPER (INTERNSHIP)
- Experience in SDLC Cycle by SCRUM Agile methodologies
- Led the design and development of new projects from scratch, including enhancements for the Credit Card, Security aspects, and DuitNow systems, using Java, JavaScript, JQuery, HTML, CSS, and AJAX.
- Developed and deployed a new mobile DuitNow module, ensuring seamless integration and optimal functionality.
- Supported cross-functional teams in troubleshooting bugs and fixing the bugs.

Technologies & Tools:
- Database: MySQL
- Tools: Git, Viki, Github, Gerrit, Postman, FileZilla, XAMPP, Bugzilla, PuTTY
- IDE: Eclipse
- On-Premise : Server

BRIDZIA SDN BHD
KUALA LUMPUR
Sep 2021 - Oct 2023

NODE JS DEVELOPER
- Collected requirements from users to ensure a clear understanding of project goals and deliverables.
- Collaborated within a team to plan, design, and develop a reliable centralized website that integrates with Shopee, Amazon, and Lazada APIs.
- Designed the user interface and implemented it using React JS with hooks, while writing backend code and developing APIs in TypeScript.
- Implemented and optimized communication protocols (HTTPS, FTPS/SFTP) to establish reliable connections between Shopee, Amazon, Lazada, and other APIs.
- Processed data using various formats including XML, JSON, and CSV.
- Deployed the website using Docker in collaboration with senior team members.
- Conducted thorough testing, debugging, and troubleshooting of the website to identify and resolve issues related to functionality, connectivity, performance, and reliability.

Technologies & Tools:
- Database: PostgreSQL
- Tools: JIRA, Postman, FileZilla
- IDE: Visual Studio Code
- Cloud: AWS

INFOLOGIC PTE LTD
SINGAPORE
Apr 2023 - Oct 2024

SOFTWARE ENGINEER
- Involved in coming project HongKong MTR.
- Created flowcharts and system diagrams during the planning phase to define the architecture and workflow of key software components.
- Developed C++ applications with a focus on building efficient Makefiles to automate the compilation and execution of code during the development lifecycle.
- Gained experience in applying the Model-View-ViewModel (MVVM) architecture in application development for the C# MTR project
- Wrote and executed commands to interact with servers running on Linux-based environments (Red Hat), as well as managing Oracle databases using tools like PuTTY and WinCVS.
- Reviewed and modified the structure of existing code to optimize performance and functionality, ensuring the system met project requirements.

Tools & Technologies:
- Database: MySQL
- Tools: JIRA, Postman, FileZilla, PuTTY, Tortoise, WinCVS
- IDE: Visual Studio Code
- OS: RedHat
- On-Premise: VCenter, ESXi

ST ENGINEERING
SINGAPORE
Nov 2023 - Present

SOFTWARE ENGINEER
- Developed and maintained a web-based application for managing aviation safety reports, integrating with external systems, and disseminating information based on fault severity and recipient.
- Integrated and maintained both frontend (using [React.Js]) and backend (using [Node.Js]) components, ensuring seamless integration, scalability, and optimal performance of web applications.
- Automated daily/weekly email notifications via Sophos by creating new batch scripts.
- Monitored SNMP protocol for both internal and external systems.
- Resolved the UAT time conversion issue in MSSQL stored procedures.
- Provided on-call support for urgent fault resolution.
- Conducted UAT with clients to ensure that delivered features meet specific requirements.
- Led troubleshooting and bug-fixing efforts, tracked, rectified, and deployed tested code to production and disaster recovery environments.
- Managed live system during Online RAT, ensuring stability when CATS was down and recovering broken database clusters, including Kafka and CATS environments.
- Identified and resolved performance bottlenecks causing webpage slowness, response delays from Sophos, and SMS delivery issues affecting some recipients.
- Managed JIRA Agile Board, GitLab repositories, and maintained knowledge base in wiki.
- Assisted Network & Infra Engineers with load balancer configurations, server snapshots, server image exports, SNMP, LDAP, and AD connections.
- Supported database migration, shrinkage, backup, and fragmentation management.
- Created Entity Relationship Diagrams (ERD), Incident Reports, and Flowcharts for bug tracking and resolution.
- Prepared comprehensive and user-friendly System Guides for support engineers.

Technologies & Tools:
- Database: MSSQL (T-SQL)
- Tools: JIRA, Report Builder, WinSCP, RDP, SSRS
- IDE: Visual Studio Code
- OS: RedHat, Ubuntu
- On-Premise: VCenter, ESXi