HIEN DINH

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PROFESSIONAL EXPERIENCE

Software Engineer at MOZOX LTD., Ho Chi Minh, Vietnam • 08/2022 – 04/2023

Developed a cyber security system which can detect and response to cybersecurity risk.
- Developed a web portal using Spring Boot for cyber security management system.
- Created log parsers using Java, Maven, Regular expression to standardize logs from different devices **resulting in a 100% resolution of manually parsed data.**
- Built and monitored multi-threaded Java applications, including log collector, log receiver, report service and notification service, **capable of handling 1000 Events Per Second**

Software Engineer at MOMO (M_Service), Ho Chi Minh, Vietnam • 11/2020 – 05/2022

Worked on Accounting Platform and Google Cloud Team
- Developed backend services using Kotlin, Vertx framework and Google Cloud Platform for mini apps, including games and donation services, **contributing significantly to the growth of over 20 million users for the MoMo app.**
- Implemented Dependency Injection using Dagger2 to reduce code coupling and provide compile-time safety.
- Created new modules for third parties of Momo including bank, mobile agency using Java, airflow, file transfer to standardize statement data and integrate to the current reconciliation process and **automating 90% of the reconciliation tasks for the accounting team**.
- Built a web portal using AngularJS, Vertx framework, HTML/CSS for Accountant team to configure and export financial report as excel file **achieving 100% auto report generation**.
- Deployed and managed services using Docker and K8s leverage microservice architecture.

Software Engineer at INCEPTIONLABS, Ho Chi Minh, Vietnam • 04/2019 – 08/2020

Developed projects in sport betting domain.
- Developed a java-based application to work with large amounts of data in real-time to support business decisions.
- Built a web portal for agent users using Play framework, Angular, MySQL to manage user accounts and activities, view reports and statistics.
- Created a Restful service to query elasticsearch and write APIs to get log of history orders.

Software Engineer at RENESAS DESIGN VIETNAM, Ho Chi Minh, Vietnam • 09/2014 – 12/2017

Develop plugins for e2 studio IDE (Renesas eclipse embedded studio).
- Developed Smart Manual plugin to locate and show hardware manual information in editor.
- Built and maintained Memory Usage plugin to allow user view and modify memory.
- Created Current Consumption plugin to tune currents drawn by systems using an emulator.
- Created a C# application to create libhover database used by Smart Manual plugin.

TECHNICAL SKILLS

Languages: Java, Kotlin
Web: AngularJS, Angular, HTML5, CSS3
Web Services: RESTfull, Microservices, JSON, Protobuf
Frameworks: Vertx, Spring (MVC, Spring boot, security, Spring JPA, AOP, Dependencies Injection)
Databases: MySQL, Oracle, Cassandra, Elasticsearch, Firestore, Bigtable, BigQuery, Redis
Design Patterns/Architecture: Microservice, Cloud Computing, MVC, OOP, Singleton, Observer…
Tools: UML, Eclipse, IntelliJ, Visual Studio Code, Maven, Bazel, Gradle, Git, WinSCP, Putty, Jira, Postman, Redis, Airflow, Hibernate ORM, EclipseLink ORM, Datagrid, DBeaver

EDUCATION

Master of Science in Computer Science - Maharishi International University, Fairfield, Iowa (2025)

Engineering in Information Technology - Da Nang University of Technology, Da Nang, Vietnam (2013)