

PHU LE 🧑🏻 Senior Java Developer

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📌 SUMMARY

Experienced Senior Java Developer with over **15+ years of expertise**, including **5 years onsite** in the **U.S.**, delivering scalable, high-performance software solutions. Proven success in full-stack development, microservices architecture, cloud-native applications, and DevOps practices. Strong track record working with major clients including **AT&T, Boeing, Cox Automotive, and Hyundai Autoever**. Adept at leading teams, modernizing legacy systems, and delivering results in Agile environments.

🔧 TECHNICAL SKILLS

Skill	Experience	Details
☕ Core Java	10+ years	Core language for ERP, microservices, enterprise
🗄️ Databases	10+ years	Oracle, MongoDB, SQL Server, DB2, PostgreSQL
🌱 Spring Boot / Hibernate	10+ years	Backend microservices and ORM
🔒 RESTful APIs / JWT	10+ years	Secure service communication
📄 JSP, GWT, Struts	5+ years	Legacy enterprise apps (AT&T, DirecTV)
✉️ Kafka / Zookeeper	5+ years	Async messaging systems
⚙️ CI/CD, Jenkins, Postman	5+ years	Automation and API testing

 JavaScript / React.js	5+ years	Frontend for data-driven UIs
 AWS / Kubernetes	5+ years	Cloud-native architecture
 Ruby / Rails	4 years	Backend at Cox Automotive
 C#, ASP.NET	~2 years	ERP and 3D system development

PROFESSIONAL EXPERIENCE

 **Hyundai Autoever – FPT’s Client | Senior Software Engineer (Contractor)**
 Sep 2024 – Present | Irvine, CA

***Project: HAEA-KUS** – Next-gen telematics platform for connected vehicles, designed to streamline communication between in-vehicle systems and cloud services. Focused on real-time data processing, secure access control, and scalable integration with partner systems.*

 <https://owners.kia.com/us/en/kia-owner-portal.html>

Backend Development

- Enhanced and maintained microservices such as **KIASVC**, **UVODS**, **UVODS2**, **KAMS**, and **BATCH**, supporting frontend KOA/KOP systems using **Core Java**, **Spring Boot**, **MyBatis**.
- Integrated with **Oracle**, **PostgreSQL**, **SQL Server**, and leveraged **Redis/MongoDB** for caching and NoSQL data management.
- Developed scalable **RESTful APIs** and implemented **Kafka** messaging for asynchronous workflows.
- **Migrated the legacy notification engine to Kafka**, enabling **API-by-API migration based on dynamic ON/OFF configuration**.
- Containerized services with **Docker** and deployed them on **Kubernetes** clusters.
- Improved system observability using **Dynatrace**, **ELK stack**, and **LMS** (Log Management System).

Testing

- Performed API testing with **Postman** to ensure functional accuracy, proper error handling, and validation.
- Wrote **unit**, **integration (IT)**, and **K6 load tests** to ensure system reliability.

- Debugged issues in production using **ELK**, **Dynatrace**, **LMS**, and **SSH-based log tracing**.

Key Systems

- **KIASVC** – Handles remote commands, over-the-air updates (OTA), profiles, and preferences.
- **KAMS** – Identity and access management system.
- **UVODS / UVODS2** – Manages telematics and vehicle ownership data.
- **BATCH** – Responsible for data synchronization and scheduled ETL jobs.

Cox Automotive – FPT's Client | Senior Full Stack Developer (Contractor)

Nov 2020 – Sep 2024 | San Diego, CA

Project: Tandem – A vehicle data platform supporting simulated auction testing for Manheim's online marketplace. Provided backend services and frontend dashboards to manage, visualize, and automate auction vehicle data workflows.

 <https://site.manheim.com/>

Backend Development

- Created REST APIs with Ruby on Rails for automation and service communication
- Integrated legacy AS400 mainframes with modern MongoDB/DB2 systems
- Deployed services via AWS Lambda, EC2, Docker, Kubernetes

Frontend Development

- Built interactive dashboards and UIs using React.js

Testing & DevOps

- Implemented CI/CD pipelines with Jenkins
 - Automated testing with WebdriverIO
 - Validated APIs using Postman
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Boeing Co. – FPT's Client | Senior Full Stack Developer / Team Lead

Nov 2019 – Nov 2020 | San Diego, CA

Project: GOLDesp – Developed a mobile-enabled system for managing aviation item logistics (Picking, Receiving, Shipping), featuring **online and offline support** to ensure uninterrupted warehouse operations and real-time data synchronization with legacy systems via event-based communication.



Backend Development

- Applied **Domain-Driven Design (DDD)** to architect and develop modular **Spring Boot microservices** using **Java**, **Hibernate**, and **JWT** for secure data access and manipulation.
- Implemented **Event Sourcing** and **Event-Driven Architecture** using **Kafka**, ensuring robust data syncing and state reconstruction across services.
- Supported hybrid API access via **REST** and **GraphQL**, allowing flexible data querying across frontend and backend consumers.
- Integrated with **MongoDB** for NoSQL item data and **Oracle** for transactional consistency.
- Deployed microservices on **AWS** using **Docker containers** orchestrated by **Kubernetes**.



Frontend & Mobile

- Built admin interfaces with **React.js** to manage aviation logistics workflows.
- Developed **Xamarin-based mobile apps** that supported **both online and offline modes**, enabling warehouse operations to continue seamlessly without network connectivity and sync once reconnected.



Testing & Leadership

- Conducted **API testing with Postman** and **mobile automation testing with Appium** to ensure end-to-end reliability.
- Led a **cross-functional offshore team**, performed code reviews, and ensured delivery quality through Agile sprints.



AT&T – FPT's Client | Senior Java Developer

Apr 2017 – Nov 2019 | El Segundo, CA

Project: BMS (Broadcast Management System) – Managed satellite transponder configurations and integrated with the compression system to enable upstream/downstream data flow. Provided real-time data feeds to scheduling systems like DTSS for DirecTV operations.

Backend Development

- Maintained and enhanced features in the **monolithic BMS system** using **Struts (1 → 2 migration)**, **Servlets**, **Hibernate**, and **Core Java**.
- Migrated backend data layer from **DB2 to Oracle**, improving performance and maintainability.
- Developed **nonlinear SOAP APIs** to expose transponder and scheduling data to other DirecTV systems.
- Built new **RESTful APIs** using **Spring Boot** to support **Traffic Broker** and modern service integrations.

Frontend Development

- Developed and maintained web interfaces using **JSP**, **JavaScript**, and **GWT**, supporting internal tools for transponder and stream configuration.

Testing & Integration

- Validated REST APIs with **Postman**, ensuring data accuracy and proper error handling.
- Integrated **Kafka** for asynchronous messaging between BMS and downstream services.
- Supported deployment on **JBoss** and **WildFly** application servers.

DirecTV – FPT Software | Senior Developer

May 2013 – Apr 2017 | Ho Chi Minh City, Vietnam

Project: BMS (Broadcast Management System) – Managed satellite transponder configurations and integrated with the compression system to enable upstream/downstream data flow. Provided real-time data feeds to scheduling systems like DTSS for DirecTV operations.

Backend Development

- Maintained and extended core features of the **BMS system** using **Java**, **Struts**, and **Hibernate**, supporting mission-critical broadcast workflows.

- Integrated and queried data from **DB2 databases** to manage transponder and stream configurations.
- Developed **SOAP-based services** to expose satellite and schedule data to external systems.
- Maintained **BMSServer**, a backend service responsible for complex logic execution and **scheduled job orchestration**.
- Led the migration of **CAAdapter** from **C++ to Java Spring**, modernizing legacy components for better maintainability and integration.



Frontend Development

- Built internal UI dashboards using **GWT**, improving visibility and control over scheduling operations.
- Developed the **Status Display** UI for real-time tracking of channel streams and transponder schedules.



Testing & Messaging

- Designed and implemented a **Traffic Broker** using **Kafka and Zookeeper** for message handling between subsystems.
- Deployed and maintained applications on **Apache Tomcat** for enterprise use.



Wanek Furniture (Ashley Furniture) | ERP Developer

Apr 2012 – Mar 2013 | Binh Duong, Vietnam


Project: AS400 ERP – Supported and enhanced ERP modules for manufacturing operations, focusing on data accuracy, reporting, and supply chain visibility.



Responsibilities

- Maintained and troubleshooted the **AS400-based ERP system**, ensuring stability and accuracy across critical business modules.
- Corrected and validated **transactional data** to resolve discrepancies in inventory, supply chain, and production tracking.
- Developed internal **data extraction tools** to generate custom reports and monitor scan data from factory operations.

- Supported and maintained core ERP modules including **Inventory Management, Supply Chain, and Factory Scan Data Integration**.
 - Collaborated with operations teams to ensure ERP data alignment with real-world warehouse and factory processes.
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 **Starseed Vietnam | Flex Developer**
Apr 2011 – Apr 2012 | Ho Chi Minh City, Vietnam

Project: Multimedia Animation – Developed cross-platform animated applications for web, mobile, and tablet with a focus on media-rich user experiences for gaming and product showcases.

Responsibilities

- Built interactive **game animations and multimedia applications** using **Adobe Flex 4.5, ActionScript 3.x, and Java**, targeting web browsers and mobile devices.
 - Integrated backend systems with **MySQL, Red5 media server, Hibernate, Spring, and Google App Engine** to support streaming and data services.
 - Delivered engaging visual experiences for high-profile projects including **Heroes Game, Motorola Atrix promotional app, and Transformer 3 product presentations**.
 - Collaborated with designers and backend developers to ensure seamless integration of animations, user interaction, and server-side functionality.
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 **Pungkook Corp | ERP Developer**
May 2009 – Apr 2011 | Binh Duong, Vietnam

Project: PK-ERP – Enterprise Resource Planning system supporting warehouse operations and supplier management for MRO (Maintenance, Repair, and Operations).

Responsibilities

- Maintained and enhanced the **PK-ERP system** developed in **PowerBuilder**, supporting warehouse and MRO workflows.
- Developed and maintained **PKJITTS**, a supplier management system, using **Java (Core)**, **Spring Framework**, **JSP**, **JavaScript**, **Hibernate**, and **Oracle**.
- Built **PK3DWEB** and **PKQAM**, web-based applications for design sharing and quality assurance using **Adobe Flex**, **ASP.NET**, and **Oracle** databases.
- Implemented **Continuous Integration (CI)** pipelines using **CruiseControl** and **SVN**, streamlining the development and deployment process.

EDUCATION

- **BS in Information Technology**, HCMC University of Natural Science (2006 – 2008)
- **Diploma in IT**, HCMC University of Natural Science (2001 – 2004)
- **Nong Lam University** (2004 – 2005), TOEFL 460
- **Di An High School** (1998 – 2001)

REFERENCES

- **Adam Neely** – Senior Software Engineer at Cox
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- **Brad Morrow** – Software Manager at Boeing
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