

Nguyen Danh Hieu

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EDUCATIONAL BACKGROUND

- B.S of Engineering Education of Information Technology - Hanoi University of Technology – Vietnam

CERTIFICATES

- The Fundamentals of Engineering (JPEC), 2012
- AWS Certified Solutions Architect – Associate, 2016
- GE Predix Developer, 2016

PROFESSIONAL SUMMARY

- 2 years of experience in Android development.
- 5+ years of experience in back end/ Java development.

PROFESSIONAL EXPERIENCE

Software Engineer: FPT USA – Renton, WA

Jan 2017 - Present

- Developed **Boeing Maintenance Documents** website which serves 100.000 users each month using Apache HTTP server, Tomcat server, Java servlet, Oracle Endeca, RESTful/SOAP APIs.
- Developed **Mitsubishi Maintenance Documents** website using tomcat, ExtJS, Spring.
- Production supports: analyze technical question/ issue from customers.

Software Engineer: FPT Software – Renton, WA / Ha Noi, VietNam

Mar 2015 – Dec 2016

- Designed and developed migration tool to convert **Boeing Maintenance Documents** from legacy system to the new one (Toolbox Horizon) using Java Spring/Hibernate/Oracle DB.
- Designed and lead team on project **Corsair Data Lake**: collect information of Corsair's customers using AWS Cloud: EC2, Kinesis Stream, CloudFormation.
- Developed DR system for **Corsair Oracle EBS** database: 3TB database, need to incremental backup every 2 hours and fully backup every 12 hours using AWS EC2, EBS, S3, bash-script.

Android Software Developer: FPT Software – HaNoi, Vietnam

Dec 2012 – Feb 2015

- Developer in **IoTTouch** project: an Android application installed on a mainboard running Android OS to connect and control a smart-house: light, fan, security video, thermostat...
- Developer in **Repli** project: social multimedia texting app that allow user to take picture, add voice comment/ animation effect and send to friends.
- Developer in **VNA.FFP** project: Frequent flyer customer app of Vietnam Airlines.
- Developer in **Doximity** project: Doximity is a private network for verified physicians and medical professionals to connect, refer, and securely communicate.

Side projects (Android):

- DolePlantation, BarcodeScanner, FlyZilla, MobiusTrac, MobiusPoD, BMXCoach, MobiusSwipe.

Technical Skills:

Java Stack: Java 7, JSP, Java servlet, Spring Boot, Spring Cloud, Hibernate, Tomcat server, Oracle JDBC.

UI/UX Stack: Javascript, jQuery, ExtJS, HTML, CSS.

Back end: Restful APIs, SOAP APIs, Apache HTTP server.

Testing: jUnits, Cucumber, PhantomJS, Selenium, Mockito, Powermock.

CI/CD: Jenkins, Gradler, Bash script, Git, Maven, Artifactory.

Other frameworks: Android SDK, AppScan, Veracode, Endeca, Lombok, Gson, XML, SQLite.

Cloud Stack: AWS Cloud.

Tools: Eclipse, Android Studio, SOAP UI, Putty, Spring Tool Suite.

Languages: Java.