

Hongfei Zhou

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Key Skills

- **Programming Language:** Java, Python, Scala, Javascript.
- **Backend:** Spring MVC, Django, Playframework, RESTful Service.
- **Frontend:** HTML, CSS, AngularJS.
- **Database:** Oracle, MongoDB.
- **Tools:** Linux, Maven, Jenkins, TestNG, Git.
- **Machine Learning:** Logistic Regression, SVM, NN, CNN, RNN, etc.
- **Automation:** Selenium for frontend. Customized libraries for backend.

Experience

Senior Software Engineer @ StubHub, eBay Inc, *from 2012.6 to present*

- Lead developer for **Test Data Service**. Designed the architecture of system and implemented the backend of the system.
- Designed and implemented the frontend and backend for **User Traffic Diagram**.
- Designed the framework for **Native APP automation** based on selenium.
- Lead the development of **Test Execution System**. Designed the structure of both frontend and backend. Implemented frontend code and major backend code.
- Solely designed the structure of **API automation framework** and implemented both **API framework** and **responsive web page framework**.
- Lead developer of **Test Coverage System**. Designed the structure and implemented code for frontend and integrated the system with JIRA.
- Designed and implemented a **new report with video replay** for automation testing.
- Participated in defining the **version process** for all QE artifacts which aligned with our production version and provided multiple utilities and support for adoption.
- Supported teams to switch to CI/CD. Upgrade JDK from 1.7 to 1.8 for entire production stack.

Education

- **Bachelor of Engineering, Computer Science**, Shanghai Jiaotong University, 2008 - 2012.