

Sam, Wang Shusen

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Profile

Software and data engineer with 6 years of experience in design and implementation of large-scaled software projects from backend to frontend. Full understanding of whole phases of SDLC and experienced in developing applications using Java and JavaScript stack technologies, and 1 year of experience in data science using machine learning and big data techniques.

Work Experience

1. Sr. Software & Data Engineer @Tookitaki, Singapore (Feb/2018 – Present)

- **Anti-Money Laundry Suit and Data Science Studio**

Responsibilities:

- Design and develop AMLS application and a Data Science platform using frontend techniques
- Build machine learning pipelines including ETL, data transformation and integration of machine learning algos

Technologies:

- React, PySpark, Sklearn

2. Sr. Software Engineer @Fuji Xerox, Singapore (Jan/2015 – Feb/2018)

- **Cloud Service Hub** (<https://cloudservicehub.fujixerox.com/>)

Responsibilities:

- Design and develop JavaScript application running in Printer's Embedded Web Browser as key developer
- Frontend development of website using internal CSS framework
- Design and develop OSGi plugins integrating cloud services APIs on Geronimo server using Java EE relevant technologies.

Technologies:

- Frontend: ES6, Babel, Jasmine, NPM, Gulp
- Backend: Java, Maven, OSGi, Geronimo, EC2, S3, CloudFront
- Others: OAuth2, Git, Agile

- **Smart Work Gateway** (<https://www.fujixerox.com.sg/smartworkgateway>)

Responsibilities:

- Design and develop JS common libraries for internal use using ES6 as key developer.
- Design and develop cloud service connectors integrating cloud services APIs with CMIS compliance using Java as team leader.
- Specification compilation with customers

Technologies:

- Frontend: ES6, Babel, Ava, NPM, Webpack
- Backend: Java, Maven
- Others: OAuth2, Docker, Git

3. Software Engineer @CrimsonLogic, Singapore (Sept/2013 – Jan/2015)

- **License One** (<https://licence1.business.gov.sg/>)

Responsibilities:

- Developing web based system using Java EE frameworks and technologies, such as Spring frameworks, Hibernate, jQuery, Bootstrap as full stack developer.
- Cooperate with BA and QA for quality management

Education

- **National University of Singapore** (Jan/2018 – Present)

Master of Technology in Knowledge Engineering

- **National University of Singapore** (Aug/2012 – July/2013)

Graduate Diploma in Science of System Analysis

- **China Agricultural University, Beijing China** (Sept/2006 - July/2010)

Bachelor's degree in Information Science

Programming Skills

- Java (Core, Spring Boot)
- JavaScript (React, Angular 1.x, Node)
- Python (Web, SKlearn, Spark)

Reference

GitHub: <https://github.com/shuson>

Kaggle: <https://www.kaggle.com/nevermoi>

Website: <https://nevermoi.com>