WEI WANG

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Experience

Zalando   Jan 2021 – Present
Fullstack Software Engineer   *Dortmund, Germany*
- Implemented **real-time notification** with **GraphQL subscription**, **WebScoket**, **Asynchronous Flow** in **Kotlin** and **Nakadi** (a Kafka-like Event Broker).
- Developed dashboards and collaboration features for logistic operators (**ReactJS**, **Redux**, **GraphQL**).
- Improved service observability by implementing **distributed tracing** between frontend codebase (**ReactJS**) and backend servers (**SprintBoot** and **NestJS**) with **OpenTracing**.
- Improved service observability by implementing **structured logging** in our Spring Boot application with **Logback**.
- Enabled users to navigate through a long history of changes in supply chain by building an **offset pagination API** using **PosgreSQL**, **GraphQL Relay** and **Spring Boot**.
- Implemented frontend components, such as paginated table and notification popper, in **ReactJS** and **Material UI**.
- Communicated with cross functional teams, such as data analysts and logistic operators, and composed technical documents to drive the design of solutions.

Autodesk   Jan 2019 – Dec 2020
Software Engineer Intern   *Bonn, Germany*
- Improved the technologies used in Autodesk Viewer by porting legacy code based on template engine and Backbone to **ReactJS**.
- Reduced risk of causing incidents that affected all users of Autodesk Viwer while refactoring codebase by implementing a canary deployment pipeline with AWS **StepFunction**, **Lambda**, **CloudWatch** and **S3**.
- Enhanced site security of Autodesk Viewer by removing **cross-site scripting vulnerability** in user comment areas with escaping HTML syntax.

Kisters   April 2019 – Dec 2019
Quality Assurance Intern   *Aachen, Germany*
- Reduced the overhead in manual E2E testing by developing a **Java** parsing application to convert the Postman scripts into Jmeter scripts that can be incorporated into **Jenkins**' build pipeline.

Raydium Semiconductor Corporation   Jan 2018 – Aug 2018
System Application Engineer   *Hsinchu, Taiwan*
- Increased the speed in validating ICs by develop a test platform with a micro controller and a **C#** application to read/execute/create test scripts.

Projects

OnTimer[Link] | *Javascript, React Native, Android, PostgreSQL, AWS Elastic Beanstalk*   **2017**
- A fullstack React Native app that helps people being on time in appointments with gamification mechanisms.

Education

RWTH Aachen University   Aug. 2018 – Jan. 2021
Master of Science in Media Informatics   *Aachen, Germany*
- **Thesis**: Bottom-Up Multiple Person Multi-Camera 3D Human Pose Estimation
- **Lab Seminar[Link]**: Human Motion Prediction

Technical Unviersity of Denmark   Sep. 2015 – June. 2016
Exchange Student in Applied Mathematics and Computer Science *Hsichu, Taiwan*

National Chiao Tung University   Sep. 2013 – June. 2015
Master of Science in Photonics   *Hsichu, Taiwan*

National Taipei University of Technology   Sep. 2009 – June. 2013
Bachelor of Science in Electrical Optical Engineering   *Taipei, Taiwan*

Technical Skills

Languages: JavaScript, TypeScript, Kotlin, SQL
AWS Services: Lambda, StepFunction, CloudFront, CloudWatch, S3
Technologies: Jenkins, Node,React, React Native, Redux, RxJS, GraphQL, SpringBoot, Docker, Kubernetes, Kafka

Volunteer Experience

HackYourFuture   Jan 2021 – Present
Homework mentor (remote)   *Copenhagen, Denmark*
- Review and give feedback to homework submissions that regards to React, JavascriptES6 and Node.js.