ALEX TOTHEROH

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TECHNICAL SKILLS

Languages

- Java
- JavaScript
- Scala
- Android

Tools

- React/Redux
- Spring Boot
- Docker
- SQL and NoSQL
- AWS

Misc.

- System Architecture
- Ops/Infrastructure
- Microservices
- Scrum
- Blockchain

WORK EXPERIENCE

Lead Software Engineer
(Full-stack, Blockchain)
Comcast
Philadelphia, PA
January 2018 – Present

- Designed and built distributed Hyperledger Fabric blockchain network over Docker Swarm, including Java and NodeJS chaincode, and RESTful APIs using the Fabric Java SDK on the Spring Boot framework
- Work with team of 5 to design and build backend and various frontend clients supporting fully custom blockchain ledger for IoT applications (Java, Scala, React/Redux, AWS)
- Conduct interviews for entry, mid, and senior level engineers

Software Engineer II
NextGear Capital
Indianapolis, IN
June 2017 – January 2018

- Worked with team of 12 to build ACH payment software processing well over $1 million per night
- Java 8, Spring, JavaScript, React/Redux: backend and frontend development

Software Engineer II
Angie's List
Indianapolis, IN
May 2016 – June 2017

- Worked with a team of 10 to build project management software for service providers on both web and mobile platforms from the ground up
- Cross-functional development: backend, frontend, and mobile
- Scala, Java 8, Android, JavaScript, React/Redux

Software Engineer
Appriss
Louisville, KY
May 2015 – May 2016

- Developed Java software relating to business intelligence
- Administered reporting servers (JasperReports Server)

EDUCATION

Indiana University – Bloomington, Indiana
Bachelor of Science in Computer Science
Specialization: Intelligent Systems
GPA: 3.96

- Accelerator Scholarship recipient (merit based)
- 1st place Undergraduate Research Colloquium

Indiana University – Bloomington, Indiana
Bachelor of Arts in History
Concentration: American History
Minor: Western European Studies