

Ken Wang

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- › Java Developer with 3 years experience, proficient in microservices with Spring Boot and Spring Cloud
- › Familiar with TypeScript with React web UI development. Plus basic Python data analysis experience
- › Top performer in previous engineering team. Had 33% salary raise within the first 3 months
- › Top helper in software developer forum Together Java, with average 10 answers per day

EXPERIENCE

2022 - 2024
Vancouver, BC

Professional Development

University of British Columbia

- › Went to graduate school – Master of Data Science
- › Software development and operations training

[Docker](#) [Kubernetes](#) [GitHub Actions](#) [Python](#) [R](#) [pandas](#) [scikit-learn](#) [PyTorch](#)

2021 - 2021
Beijing, China

Java Software Engineer

EaseMob

- › Worked on a microservice-based SaaS Instant Messaging system built with Spring Cloud
- › Implemented a keyword detection service using Thrift RPC to block harmful messages
- › Built a reactive Java SDK calling REST services with the Reactor Netty client
- › Developed an envelope encryption library using AWS KMS to comply with GDPR

[Spring Boot](#) [Spring Cloud](#) [MySQL](#) [Redis](#) [Tomcat](#) [Netty](#) [Reactor](#)

2020 - 2021
Beijing, China

Java Software Engineer

Datablau

- › Worked on data governance tools to analyze metadata from various databases
- › Implemented data quality features, which scans DBs and validates data with user-defined rules
- › Built REST APIs with Spring MVC to synchronize DB metadata with third-party systems
- › Achieved 80%+ unit test coverage for existing modules using JUnit and Mockito

[Spring MVC](#) [JDBC](#) [PostgreSQL](#) [Oracle](#) [MySQL](#) [Hibernate](#) [Maven](#)

2019 - 2020
Beijing, China

Full-Stack Software Engineer

ShopHitly

- › Worked on an early-stage E-commerce website, which sells smoking hardware in Illinois US
- › Built REST web services for the inventory systems using Node.js, Express.js and MongoDB
- › Set up CI/CD pipelines from zero to one with Docker, AWS ECS and CodePipeline
- › Implemented a web UI using TypeScript, React and Redux

[Node.js](#) [Express.js](#) [MongoDB](#) [TypeScript](#) [React](#) [Docker](#) [AWS ECS](#)

2018 - 2019
Champaign IL, US

Hadoop Data Engineer

Yahoo

- › Worked on a low latency OLAP system for user engagement analysis
- › Built ETL pipelines with Big Data technologies like Hadoop, Pig, Oozie and Hive
- › Ingested data into Apache Druid to allow our analysts to query petabytes of data in seconds
- › Development in Java-based RESTful web service for time series analytics with Druid's data

[Hadoop](#) [Java](#) [Pig](#) [Oozie](#) [Hive](#) [Apache Druid](#)

EDUCATION

Vancouver, BC

Master of Data Science

University of British Columbia

Champaign IL, US

Bachelor of Computer Science

University of Illinois at Urbana-Champaign