



# Shuang Zheng

## Lead Fullstack Engineer

*A passionate problem solver & TDD clean coder always ready for new challenges*

[LinkedIn](#)

[My website](#)

## SKILLS

- **Software:** Java, TypeScript, JavaScript, Python, Spring, Node, Express, React, Redux, JUnit, Jest, Cypress, Pytest, Git, Linux, Docker, MATLAB, R
- **SQL:** MySQL, PostgreSQL, Aurora
- **NoSQL:** Redis, DynamoDB, MongoDB
- **Graph:** GraphDB, Neptune, SPARQL
- **AWS:** CloudFormation, CloudFront, Route53, Step Function, Glue, SNS, SQS, EC2, S3, API GW, WebSocket, Lambda
- **Data engineering:** Snowflake, Power BI, Data mesh

## LANGUAGES

- Chinese, English, Swedish

## CERTIFICATIONS

[Java Oracle Certified Associate](#)

[AWS Certified Cloud Practitioner](#)

[KTH Student Ambassador](#)

## EXPERIENCE

### **Retail Analytics Data Engineer @ Scania** *Feb 2024 - Present*

- Perform data modeling and data warehousing using Snowflake
- Develop ELT/ETL solutions using Snowflake, AWS and Python
- Integrate data sources including data lakes and warehouses
- Develop Streamlit data apps for analytics and automation
- Collaborate with data scientists and Power BI team
- Build data mesh using Dremio and Witboost

### **Sr. Lead Fullstack Engineer @ Scania** *Mar 2021 - Feb 2024*

- Led DTS dev team of 6 developers, including architecture and system design, requirement analysis, project coordination and communication, and onboarding
- Led, designed and deployed AWS serverless architecture using CF, EC2, S3, Step Function, SNS, SQS, CloudFront, Route53
- Led, designed and deployed integrations with other systems using Keycloak, WSO2
- Led, designed and developed backend with algorithm and data model in TypeScript, using Node, Express, API GW, WebSocket, S3, Lambda, Redis, GraphDB, Neptune, DynamoDB
- Developed frontend in TypeScript using React, Redux, Cypress

### **Backend Developer @ Scania** *Sep 2017 - Feb 2021*

- Worked as backend developer in the OAS core platform team to develop and deliver APIs and services
- Developed backend in Java using Spring, REST, SQL
- Developed utilities for data automation in Java
- Configured and distributed services using message queues
- Integrated with other systems using WSO2

### **Frontend Developer @ Znipe TV** *Mar 2016 - Jul 2016*

- Developed frontend in JavaScript
- Hosted and configured AWS infrastructures

## EDUCATION

### **MSc. in Electrical Engineering @ KTH** *Sep 2015 - Jun 2017*

Thesis: Automotive Ethernet Gateway (Scania)

### **BSc. in Computer Science @ HKR** *Sep 2012 - Jun 2015*

Thesis: Enhancing QR Code Security