

# Xuchen Sun

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## Professional Summary

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Dedicated software developer with 5+ years of experience specializing in Java application development, React-based front-end applications, and DevOps practices. Proven expertise in building, deploying, and maintaining high-availability systems and APIs. Currently seeking a senior software developer position to leverage extensive experience in software engineering and cloud solutions.

## Technical Skills

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- Programming Languages: Java, JavaScript, TypeScript, YAML, HCL (Terraform)
- Frameworks & Libraries: Spring Boot, React, Angular, Tailwind CSS
- Cloud & Infrastructure: AWS (EC2, VPC, Route53, API Gateway), Terraform, Docker.
- Monitoring & Logging: Splunk, Application Logging
- DevOps: CI/CD Pipelines, Bash scripting, Automation
- Tools: Git, GitHub, IntelliJ IDEA, Jira, Postman, PuTTY, WinSCP
- Databases: Oracle, MySQL

## Certificates

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AWS: [AWS Cloud Solutions Architect](#), [DevOps on AWS](#), [Developing Applications on AWS](#)

Back-End Development: [Java Certificate](#), [Meta Backend Certificate](#), [Automation Scripts Using Bash](#), [Terraform Certificate](#)

Front-End Development: [Meta Front-End Certificate](#), [Advanced React](#), [Responsive Web Design](#)

## Professional Experience

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### IT Developer II | [TD Canada Trust](#), Toronto, ON

*July 2022 - Present*

- Developed, tested, and deployed UI and Java APIs integrated with core banking systems utilizing Spring Boot, JWT, Angular, React and Oracle Database on Red Hat Enterprise Linux.
- Conducted data analysis, developing complex Splunk dashboards for real-time monitoring of alert message delivery (Email, SMS, Mobile Push).
- Implemented efficient CI/CD pipelines using Terraform, Jenkins, SonarQube, Veracode, Azure, and VMware cloud, reducing deployment time by 10%.
- Designed, maintained, and documented REST and SOAP APIs, clearly specifying endpoints, headers, methods, authentication, parameters, request & responses body.
- Conducted comprehensive issue analysis and troubleshooting by integrating advanced logging within Java applications and utilizing Splunk for log analysis.
- Collaborated closely with cross-functional teams to deliver new features and critical fixes, improving functionality across [TD's mobile](#) and web platforms ([EasyWeb](#) & [WebBroker](#)).
- Managed security configurations and performed system maintenance tasks, including regular updates to Maven dependencies to enhance security and mitigate vulnerabilities.

### Software Developer | [Eduplan Solutions](#), Montreal, QC

*Jan 2022 - July 2022*

- Developed responsive front-end interfaces and REST APIs utilizing Java, PHP, React, TypeScript, and Tailwind CSS.
- Followed MVC design patterns and SOLID principles to ensure maintainable and efficient code.
- Executed containerization and deployment using Docker to enhance application scalability.
- Performed system maintenance, troubleshooting, and upgrades ensuring high system reliability.

### Software Developer Freelancer | Upwork | [xuchensun.com](https://www.upwork.com/freelancers/~u104588888), St. John's, NL

*July 2021 - Dec 2021*

- Developed and deployed applications using Java and JavaScript.
- Administered server environments (Amazon Linux, Tomcat, Apache2, JBoss) and resolved system issues with bash scripting.
- Managed AWS resources, created monitoring dashboards, and maintained infrastructure using AWS EC2, VPC, Route53, and API Gateway.

### Technician | Zibo ShengYang Door & Windows Co., Ltd, Zibo, Shandong, PRC

*July 2017 - Aug 2018*

- Implemented new software features and CI/CD pipeline automation using YAML, Bash, Java, PHP, Tencent Cloud, and Apache2, significantly increasing process efficiency.

## Education

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**MASc, Computer Engineering** Memorial University of Newfoundland, St. John's, NL (2018 - 2021)

**B.Eng, Computer Science** Beihang University, Beijing, China (2014 - 2017)