

# SAAD JAHANZEB TAJ

[saadtaj96@gmail.com](mailto:saadtaj96@gmail.com) · (289)-501-2662  
[github.com/SJT00](https://github.com/SJT00) · [sjt00.github.io](https://sjt00.github.io)

## TECHNICAL SKILLS

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**Languages:** Python · JavaScript · TypeScript · Ruby · PHP · C · Java

**Frameworks:** React.js/Native · Ruby on Rails · Angular

**Technologies:** SQL · Docker · Kubernetes · Firebase

## EXPERIENCE

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### **Alertdriving** - Software Engineer

*September 2022 - December 2022*

Supported a PHP based Moodle LMS E-Learning platform, servicing thousands of driver safety courses in over 125 countries.

Developed a new SCORM Manifest management system by brainstorming with team members, demonstrating capabilities through the creation of a working prototype with CRUD support.

### **Harled Inc** - Jr. Software Developer

*January 2022 - April 2022*

Collaborated in building transformational software for the Royal Canadian Air Force using Rails, helping bring the military into the information age.

Championed “Learn, Create, Teach”, an initiative facilitating efficient team knowledge transfer to compete with much larger private sector competitors.

Implemented full-stack features while constructively engaging with PO and clients, from cron-jobs and data migrations, to UX design.

### **The Co-operators** - DevOps Engineer

*May 2021 - September 2021*

Developed and demoed SCM to Deployment Pipeline Webhook POC, eliminating overhead by 5 minutes.

Automated away tedious Jenkins-Build configurations through Groovy scripting.

Debugged and deployed new client-facing features using SQL and Angular.

### **Bentley Systems** - Jr. Software Developer

*September 2020 - December 2020*

Assisted a multinational team in developing an ASP.NET Core Web application.

Added client-side caching to improve performance by a magnitude of 25%.

Coordinated with User Experience lead to facilitate extensive Interface design.

### **Bentley Systems** - Frontend Developer

*January 2020 - April 2020*

Worked within an agile environment creating customer and developer-facing User Interface components using React and Sass on an Azure Cloud Platform.

Designed a customizable settings page in TypeScript, enabling better developer feature testing.

Wrote, debugged, and updated unit tests to increase code coverage via Jest and Enzyme.

Utilized DOS scripting in PowerShell to improve software installation speed by 50%.

## PROJECTS

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### **Portfolio Website** - <https://sjt00.github.io/>

*June 2019 - Present*

Created a personal portfolio website using React and SCSS with an emphasis on UX.

Implemented Gatsby Static-site generation, resulting in a 33% reduction in loading times.

Ensured consistent cross-platform performance through the use of Bootstrap and SCSS.

## EDUCATION

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### **University of Waterloo** - Bachelor of Mathematics

*September 2018 - April 2023*