

SAAD JAHANZEB TAJ

Honours Mathematics · (289)-501-2662
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sjt00.github.io

TECHNICAL SKILLS

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

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

Technologies: SQLite · Docker · Kubernetes · Firebase

EXPERIENCE

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
- Brainstormed new SCORM Manifest management system, showcasing 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
- Coordinated with User Experience lead to facilitate extensive Interface design
- Added client-side caching to improve performance by a magnitude of 25%
- Maintained the existing code base and provided assistance to other colleagues

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 a Azure Cloud Platform
- Designed customizable settings page in a TypeScript framework, enabling better developer feature testing
- Wrote, debugged, and updated unit tests to increase code coverage via Jest and Enzyme
- Improved software installation speed by 50% via DOS scripting in PowerShell

PROJECTS

Portfolio Website

sjt00.github.io

React, SCSS and Gatsby

- Designed a personal portfolio website using React and SCSS with an emphasis on UX
- Reduced loading times by 33% using Gatsby Static-site generation
- Established consistent cross-platform performance with Bootstrap and SCSS

EDUCATION

University of Waterloo

Bachelor of Mathematics, Honours Mathematics

2018 - 2023