

# BJ Rutledge

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## Software Engineer

Highly motivated self-starter with an insatiable curiosity and a love for developing creative solutions for complex problems.

## Professional Profile

Experience developing Full Stack web applications, desktop applications, and low-level Data Structures. Proven ability to rapidly learn new technologies. Strategic planner with well-honed communication, analytic, and technical skills. Conversational in Spanish.

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## Project Highlights

Designed and currently building a serverless, REST API for web application that connects gig workers with clients.

Language: JavaScript (NodeJs)

APIs: AWS-SDK – Lambda, Gateway, AWS DynamoDB

Designed and currently building a full stack application that visualizes data as it relates to the Covid-19 pandemic.

Languages: JavaScript (NodeJs), EJS, HTML, CSS, SOQL, SQL

APIs: Express, React, React Router, React-Bootstrap, React-ChartJs-2, Redux, SOQL (Socrata – CDC Data), John's Hopkins (Postman).

Created full stack, educational video streaming application that allowed student users to search for content, select from pre-made playlists, create, and edit personalized playlists. An instructor portal allowed instructors to load and organize content, link to syllabi, and set permissions for content.

Languages: JavaScript (NodeJs), EJS, BASH, PowerShell

APIs: React, React-Bootstrap, Express, Mongoose, .Net

Created a client/server application for remote machine administration and encrypted file transfer and messaging.

Languages: C#

API: .Net

Built OpenCV GUI tools to simplify and streamline image/object detection training.

Languages: C#, Python, PowerShell

APIs: OpenCV, WPF, Windows Native

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## Professional Competencies

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### Operating Systems:

Windows	Linux	Mac	Chrome
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### Tools:

Visual Studio	VS Code	Git	SQLite
PowerShell ISE	BASH		

### Languages:

JavaScript	NodeJs	C#	PowerShell
SQL	Python	HTML	

### APIs:

.Net	AWS	OpenCV	Express
React	Bootstrap	React-Router	Redux

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## Experience

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### Iconitec LLC / Lead Software Engineer

2021 – Present, Seattle, WA

Designing and building RESTful API for full stack application. Writing documentation for API use. Participate in strategy and design meetings.

Tech stack used: Nodejs; Unreal Engine; AWS Lambda, Gateway, and DynamoDB.

### Seattle Surface Cleaners / Contract and Operations Manager

2021 – June 2022, Seattle, WA

Acted as the primary of and managed day to day operations for a company that provides outdoor, commercial and municipal cleaning services in several large districts in the greater Seattle area and hundreds of locations.

Formed and maintained relationships with long-term contract administrators and stakeholders. Created and maintained vendor relationships. Purchased supplies. Managed employee scheduling, task assignment, and discipline. Set up and iterated on contract logistics. Scheduled vehicle and equipment services and repairs.

### Washington State/Software Development Tutor

2016 - 2021, Walla Walla, WA; Spokane, WA; Shelton, WA; Aberdeen, WA; Monroe, WA

Designed, created, and maintained an application that served self-grading exams in Algebra and Geometry. (C#, WPF, SQLite).

Designed, created, and maintained a full stack video streaming

application. Implemented features such as: administrative portal, user logins, and user specific content providing.

Tech stack used: react, node.js, bootstrap, mongo DB.

Tutored students in JavaScript, C#, Python, PowerShell, Low-Level data structures, OOP, and functional programming practices.

### **Washington State/ Tutor English, Math, Other**

2004 - 2016, Walla Walla, WA; Spokane, WA; Shelton, WA; Aberdeen, WA; Monroe, WA

Led classroom and individual lessons in English, Math, Philosophy, Graphic Design, Theology, and English as a Second Language.

### **Dance Distributor / IT Manager**

2002 - 2003, Harrisburg, PA

Managed network, database, shipping, and telecommunications systems.

Troubleshooting and supporting PCs and network connections.

Coordinated with database developers and data analysts in the design of reporting systems.

### **EarthLink / Internal Support**

2001- 2002, Harrisburg, PA

Provided support and training on internal systems and network connections.

### **EarthLink / Sales and Technical Support Supervisor**

1998 2001, Phoenix, AZ

Led sales and technical support teams.

Trained new hires and newly acquired employees on internal systems and company practices.

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## **Education**

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### **Adams State University / BA Interdisciplinary Studies**

2018, Alamosa, CO

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## **Certificates**

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### **Edmonds College / Full Stack Web Development**

2021, Monroe, WA

### **Peninsula / Game Design Fundamentals**

2019, Clallam Bay, WA

### **Spokane Community College / Business Management**

2017, Spokane, WA

### **Spokane Community College / Bookkeeping**

2017 Spokane, WA

### **Walla Walla Community College / Graphic Design**

2015, Walla Walla, WA

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## **Communication**

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### **Toastmasters International**

Developed the skill of public speaking by delivering countless presentations on a multitude of topics.