

# WILLIAM CONNATSER

## SOFTWARE ENGINEER

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## SUMMARY

Hard-working Software Engineer who has been fascinated with technology since the pre-teen years. Channeling that natural interest and curiosity into a profession fuels my daily growth and ambition. Possesses a strong attention to detail, and the ability to work independently with little supervision.

## PROJECTS

12/2021 to Present

### Citadel Bitcoin Node

Spare time ongoing group project  
TypeScript | Python | Next.JS | Tailwind CSS  
Docker | Bitcoin | Lightning Network  
- Plug-and-play self-hosted Bitcoin and Lightning Network node  
- Installable third-party applications which can communicate with BTC and LN node  
[github.com/runcitadel/ui](https://github.com/runcitadel/ui)

9/2020 [AdamsMansionRetreats.com](http://AdamsMansionRetreats.com)

### Adams Mansion

One month solo project  
Next.JS | Serverless Functions | PostgreSQL  
- Marketing and informational website with calendar functionality and an admin panel to keep track of availability and bookings  
- Integrated with SendGrid API to send auto-generated emails when the user submits the Contact Us form and the Booking form

5/2019 [ChallengeJS.com](http://ChallengeJS.com)

### ChallengeJS

One month group project  
React.JS | Express | PostgreSQL | Auth0  
- JavaScript coding challenge application  
- Worked on all aspects of the stack  
- Leveraged web workers to run arbitrary code client-side and run tests  
[github.com/labs13-clone](https://github.com/labs13-clone)

4/2019 [stocklylandingpage.netlify.app](http://stocklylandingpage.netlify.app)

### Stockly

One week group project  
React.JS | Express.JS | PostgreSQL  
- Leverages sentiment analysis to predict stock prices and view market data  
- Solely responsible for the entire back-end  
- Architected data caching to get around API limit restrictions  
[github.com/lambda-stockly](https://github.com/lambda-stockly)

## SKILLS

### Languages

HTML | CSS | Sass | LESS  
JavaScript | Node.JS | TypeScript | Python

### Front-end Frameworks

React.JS | Vue

### Back-end Frameworks

Express.JS | Next.JS | Apollo GraphQL  
Django | Flask

### Databases

Microsoft SQL | PostgreSQL | SQLite  
MongoDB

### Operations Management

Git | Linux | Docker | Kubernetes | Jenkins  
Let's Encrypt | PM2 | Nginx | SSH | VPS  
Netlify | Heroku | Vercel

### Computer Science

Data Structures | Algorithms | OOP

## EDUCATION

02/2019 to 12/2019

Lambda School

Full Stack Web Development  
- Procured extensive experience building full-stack web applications, learning computer science fundamentals, and working with team workflows

## EXPERIENCE

1/2020 to Present

Florida Blue

Jacksonville, FL

Associate IT Developer  
- Architected and developed fullstack JavaScript, TypeScript and Node.JS applications which assist employees with their day-to-day duties by generating reports efficiently, accurately, and beautifully  
- Significantly contributed to enhancements and bug fixes to multiple applications which reliably automated business processes thereby making the company more efficient  
- Worked with numerous associates on several projects simultaneously while maintaining solid communication across teams and consistently meeting deadlines  
- Promoted from a contractor at Pro Unlimited LLC to an employee in August of 2020 with similar responsibilities and duties

1/2018 to 7/2019

WEC Land Services

College Station, TX

Software Engineer / Title Examiner  
- Architected and developed fullstack a web application which organized a large ranch's legal documents with JavaScript, Node.JS and MongoDB  
- Managed integration with a FTPaaS API  
- Performed meticulous oil & gas title research to determine surface, mineral and royalty ownership of property