

# William Parker Jackson

🔗 <https://williampj.github.io/> 📍 Michiana, MI, USA ✉ [williampj@gmail.com](mailto:williampj@gmail.com)

## PROFILE

I'm a Danish-American (dual citizen) software engineer with several years of experience with the JavaScript and Ruby ecosystems. I currently work as a software engineer for CareMetx, a health tech company based in Boston.

## SKILLS

### Languages

JavaScript, Python, Ruby,  
HTML, CSS, SQL

### Frameworks

Ruby on Rails, React, Express,  
Sinatra, Jekyll, NextJS

### Technologies

Git, Jira, CircleCI, Elastic,  
PostgreSQL, MongoDB, Redis

### Cloud

Heroku, AWS

## EXPERIENCE

### Software Engineer, CareMetx

04/2021 –  
present

- Developed scripts for incoming and outgoing data integrations via API and SFTP
- Coded event-driven business rules using the JSON rules engine
- Maintained and extended the Resilix CRM platform using the MolecularJS microservices framework
- Wrote technical specifications and Jest unit tests for every newly introduced feature
- Resolved bug findings at the end of each release cycle

### Co-Creator, Software Engineer, BridgeAPI

2020 – 2021

<https://bridgeapi-dev.github.io/> 📄

- BridgeAPI is an open-source serverless integration platform to connect apps via event-driven workflows
- Built the backend workflow to receive, save, filter, and forward HTTP requests
- Developed a background job processor handling concurrent events using Sidekiq, Redis and PostgreSQL
- Implemented user authentication and authorization using JSON web tokens (JWT)
- Built the React frontend using NextJS
- Deployed the app to AWS (EB, EC2, S3, Lambda, Aurora, CloudFront)
- Created testing suites of the backend using RSpec and of the frontend using Cypress
- Implemented Rollbar to monitor errors and performance metrics
- Co-authored the case study for BridgeAPI: <https://bridgeapi-dev.github.io/> 📄

### Language Officer in Arabic, The Danish Armed Forces

2011 – 2018

- Deployed twice to Iraq (training missions) and the Horn of Africa (NATO anti-piracy mission)

## EDUCATION

### Western Governors University, BSc in Computer Science

03/2022 –  
present

- Expect to complete by fall 2023

### Launch School

2018 – 2020

Multi-year full-stack software engineering curriculum emphasizing mastery of core skills

[launchschool.com/employers](https://launchschool.com/employers) 📄

Projects include:

- IRS Form Retriever - Webscraper built in Python that downloads and gathers info on IRS tax forms
- Patient Email Scheduler - NodeJS and MongoDB app that parses patient CSV files to schedule emails
- Reaction - a Trello-like app with a backend built with Rails and PostgreSQL and a React frontend
- Todos - A todo-tracker SPA built with Node.js, Express, JavaScript, jQuery, Handlebars, HTML and CSS
- Postit - A Reddit-like app built with Ruby on Rails

### Diplomatic Academy of Vienna

2010 – 2011

Postgraduate diploma in International Law, Economics and Politics

### University of Copenhagen

2005 – 2010

BSc, MSc in Political Science

Interned at the Danish Embassy in Moscow. Received the highest grade for both Bachelor's and Master's Thesis