

William Parker Jackson

🔗 <https://williampj.github.io/> 📍 New York, NY ✉ williampj@gmail.com

PROFILE

I'm a Danish-American (dual citizen) software engineer with several years of experience with the Ruby and JavaScript ecosystems. I'm the co-creator of BridgeAPI, an open-source serverless integration platform to connect apps through event-driven workflows.

SKILLS

Languages

Ruby, JavaScript, Python
HTML, CSS, SQL

Frameworks

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

Technologies

Git, PostgreSQL, MongoDB,
REST APIs, Redis, SideKiq,
Cypress, RSpec, Jest

Cloud

Heroku, AWS

EXPERIENCE

Co-Creator, Software Engineer, BridgeAPI

2020 – present

<https://bridgeapi-dev.github.io/> 📄

- Co-created BridgeAPI, an open-source serverless integration platform to connect apps through event-driven workflows
- Built the backend workflow to receive, save, filter, and forward HTTP requests
- Developed a background job processor to handle multiple events concurrently using Sidekiq and Redis
- Built and integrated a PostgreSQL database
- 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/> 📄

Full-Stack Web Developer, Self Employed

2018 – 2020

- IRS Form Retriever - Webscraper built in Python that downloads and gathers info on IRS tax forms
- Patient Email Scheduler - Program that parses patient CSV files and schedules future emails. It's built using NodeJS and a MongoDB database
- 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

Language Officer, The Danish Armed Forces

2011 – 2017

- Arabic language and Middle East specialist
- Deployed twice to Iraq (training missions) and the Horn of Africa (NATO anti-piracy mission)

EDUCATION

Launch School

2018 – 2020

Multi-year full-stack software engineering curriculum emphasizing mastery of core skills
launchschool.com/employers 📄

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 highest grade for Master's Thesis on US foreign policy