William Parker Jackson

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PROFILE

I'm a Danish-American (dual citizen) software engineer with several years of experience using 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	**Frameworks**	**Technologies**	**Cloud**
Ruby, JavaScript/NodeJS, HTML, CSS, SQL	*Ruby on Rails, React, Express, Sinatra, Jekyll, NextJS, MaterialUI*	*Git/Github, PostgreSQL, REST APIs, Redis, HTTP, SideKiq, Cypress, RSpec*	*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
- Reaction - a Trello-like app with a backend built with Rails and PostgreSQL and a frontend built with React and Redux
- 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