

Front-end-focused developer with **6 years of experience delivering and owning client-facing web applications**, with deep experience in **React-based front ends and AWS-backed infrastructure**.

Experience

Developer at *InfoBate*

September 2020 - present

- **Owned front-end development for an internal, multi-client React-admin/PostgREST reporting interface.**
 - ◆ **Worked directly with clients** to design, build, and implement **complex forms, interfaces, and reusable components** with React, React Hook Form, and Material UI.
 - ◆ Led development and deployment of a **repo-wide React-admin upgrade** from v3 to v5, **refactoring and modernizing** a large codebase to enable new framework capabilities.
 - ◆ Managed AWS CodePipeline and GitHub Actions workflows, **supporting secure and stable deployments** into production, staging, and QA environments.
 - ◆ Mentored developers in React and React-admin best practices, **improving consistency and long-term maintainability across the team**.
- **Supported and maintained backend IaC systems** with Python/AWS CDK.
 - ◆ Identified and decommissioned an unused RDS database instance, **lowering yearly cloud costs by ~\$15,600**.
- Built, launched, and maintained an internal Wiki.js instance for company-wide use, **consolidating fragmented company documents into a single source of truth**.

Consultant at *CGI*

June 2019 - September 2020

- Supported new development on an internal **Angular 8/Java/Spring** finance application for a large regional banking client.
- Obtained an **Oracle Java SE 8 Associate certification**.

Education

Tech Elevator

December 2018 - April 2019

Technical Diploma, C#.NET Development

Pennsylvania State University

August 2017 - September 2018

Computer Science, Mechanical Engineering

Personal Project

James' Guide - [james.guide](#)

A curated collection of **practical, web-based resources** designed to **help newcomers learn best practices and avoid common pitfalls** when picking up a new hobby. Currently focused on **woodworking**, with future plans for **design** and **development** sections.

Built with **React** and hosted on **GitHub Pages**.