

# James Courson

Software Developer

[james@courson.dev](mailto:james@courson.dev)

[linkedin.com/in/jamescourson](https://linkedin.com/in/jamescourson)

A capable, front-end-focused developer with **6 years of experience** in **full-stack web design and development**.

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## 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 deployments, **supporting secure and stable deployments** into production, staging, and QA environments.
  - ◆ Mentored developers in React and React-admin best practices, **improving consistency, maintainability, and redundancy 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*

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## Personal Project

### James' Guide - [james.courson.dev](https://james.courson.dev)

A repository for practical web-based resources. Currently focused on **woodworking**, with future plans for **design** and **development** sections.

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