

# Patrick Bennett

patrickisgreat@gmail.com | 404.514.7647

## EDUCATION

### THE INTERNET

Coursera  
M.I.T. OpenCourseWare  
MDN Web Docs  
LaraCasts  
Udemy  
Stack OverFlow  
GitHub

### WALLACE STATE COLLEGE

#### COMPUTER SCIENCE

2000 - 2002 | Hartselle, AL

### NORTH COBB HIGH SCHOOL

Grad. 1999 | Acworth, GA

## LINKS

Github:// [patrickisgreat](#)  
LinkedIn:// [patrick-bennett-7769016](#)  
StackOverflow:// [funkenstein](#)  
Portfolio:// [patrickisgreat.com](#)

## SKILLS

### PROGRAMMING

JavaScript • Python • PHP • C++  
React • Laravel • Vue.js  
Node.js • Express • NestJS  
CSS • Sass • Less • HTML  
GraphQL • REST • SOAP  
MySQL • Postgres

### DEVOPS

Linux CLI • BASH • Vim  
Git (cli) • Docker  
AWS • Lambda • CloudFormation  
Kinesis • DynamoDB  
Jest • Pytest • Mocha

## EXPERIENCE

### AIRBUS | SR. SOFTWARE ENGINEER

September 2021 to present

- Proposed and implemented the Atlanta Experience Center: customized a realistic A320 model in Microsoft Flight Simulator, constructed a 3D cockpit, and integrated with SkyWise for demo purposes to high-level stakeholders.
- Team Lead: Architected the NOO (Network Operations Optimization) data pipelines, a solution suite for real-time airline logistics, leveraging Python, Serverless, FastAPI, AWS Lambda, DynamoDB, Kinesis, and SQS.
- Developed the sasipy library, providing comprehensive interfaces and types for GE's SASI-Q API, enabling developer friendly data modeling and integration.
- Led a subteam to instate comprehensive testing (e2e, integration, unit) across SkyWise Predictive Maintenance, and built a GraphQL mocking system.
- Traveled internationally to collaborate with engineering teams and spearheaded PI planning for 10-week iterations.

### CNN / WARNERMEDIA | SR. SOFTWARE ENGINEER

March 2020 – September 2021

- Improved performance and scalability of the LiveStory React / GraphQL application, a high-traffic application used for live news feeds.
- Improved performance of the cnn-data-api GraphQL service using k6, and Apollo Studio to identify and refactor bottlenecks in queries and api stitching.
- Built failover REST api for LiveStory application to support higher traffic during the Presidential election.
- Helped build very early iteration of CNN+, a video streaming platform, before going back to Livestory.
- Built DOM reconciliation features within CNN's Clay CMS to achieve reactive client side UI updates.
- Built ClientModel implementation within Clay to allow for redux-esque client side state management across components.

### DIGITAL ADDITIVE | SR. SOFTWARE ENGINEER

April 2015 - March 2020

- Developed and Deployed Vacoda - content management and creation system for corporate teams built in Laravel and Vue.js. This app is currently in production use by Home Depot CRM teams and Carters.com.
- Configured Vacoda to ship to AWS EC2 instances via custom Docker containers with BitBucket Pipelines.
- Built a product rating system for Home Depot.
- Built various middleware and integrations for clients such as WeWork, IBM / Interact, and SouthernLinc to extend the functionality of Salesforce Marketing cloud.

### BLACQUBE | WEB DEVELOPER

May 2013 - April 2015 | Atlanta, GA

- Built award winning mobile and web front ends for Mercedes and Mercedes-AMG.
- Worked closely with designers to translate static designs into animated interactive experiences built with JavaScript and jQuery.
- Upgraded cakePHP on the Mercedes-AMG Private Lounge web app.
- Administered web servers hosting various builds.