

Henry Darnell

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github.com/hjdarnel

I'm a full-stack software engineer based in Northwest Arkansas. I'm interested in designing and implementing systems for cloud scalability, solving big data problems, and staying on the bleeding edge of the web.

Education

Bachelor of Science in Computer Science, Minor in Mathematics, GPA: 3.7
May 2017, University of Arkansas, Fayetteville, AR

Experience

SupplyPike - Fayetteville, AR

Full-Stack Software Engineer (January 2017 -- August 2019)

- Member of 6-engineer product team architecting full stack (including devops), implementing, and supporting logistics solutions for CPG producers. Member of company culture collective, university and new-grad recruitment and hiring team
- TMS for brokers to book and track shipments - Frontend Angular, numerous backend NodeJS microservices running via Kubernetes on AWS. JavaScript and TypeScript implementations, RabbitMQ service bus, MongoDB cloud-native storage, PostgreSQL reporting database, Redis caching, API design, HTML, Sass, CSS, continuous integration with Travis and Shippable
- PDF generator microservice - singlehandedly designed, implemented, and monitored usage of TypeScript service deployed at production scale. Uses Chromium's Puppeteer renderer, TypeScript, REST API design with schema validation, unit testing and end-to-end testing, and load monitoring via New Relic. Hosted in Kubernetes cluster with TMS production workload
- Prototype OTIF analysis tool - Analysis of combined retailer data via forecasting and charting. Created for sales demos with strict time constraints. React, HTML, CSS, hosted on Now lambdas

SupplyPike, CaseStack - Fayetteville, AR

Strategic Initiatives Engineering Intern (June -- September 2016, January 2017)

- Full-time embedded position with the New Product Development Team
- Initial exploratory work on product information repository, a product marketed directly to product suppliers and retailers. Self-taught Angular 2 with TypeScript and UI style kits

J.B. Hunt Transport - Lowell, AR

Information Systems Intern (June -- August 2015)

- Full-time work with the Intermodal dev team, supporting clients on location and remote. Wrote Java programs to prune expiring data from DB2 SQL at Fortune-500 scale.

Technical Skills

Expert: TypeScript, JavaScript, HTML/Sass/CSS, MongoDB, Docker, Travis, CircleCI

Proficient: React, Kubernetes administration, PostgreSQL, unit, implementation, and E2E testing