

Henry Darnell

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I'm a full-stack software engineer currently based in Northwest Arkansas. I'm interested in designing and implementing systems for cloud scale, being involved in the open source community, and keeping up on the bleeding edge of the web.

Technical Skills

Languages & Software: TypeScript, Node.js, Kafka, MongoDB, PostgreSQL, React, Angular, .NET

Tools: Docker, Kubernetes, CI/CD, serverless and edge functions, Datadog

Experience

Nacelle - Los Angeles, CA (Remote)

Backend Software Engineer (January 2022 – Present)

- Designed event-based systems on Kafka to scale horizontally and distribute load
- Handled many-to-one ingestion of merchant data and content, denormalized and mapped into proprietary format for efficient querying
- Collaborated with Query team to ensure performance and highly-available unified data for merchants

Firebend - Bentonville, AR

Developer II (September 2019 -- December 2021)

- Built PaaS Core and Warehouse APIs, as well as full-stack Angular/.NET Core.
- Made key architecture decisions such as data segregation, database and infrastructure choice for a growing customer base
- Supported users to get to market faster, including user authentication libraries, reusable client libraries for API interaction, etc.
- Championed the breakout of monolith Vue/C# application into domain-specific microservices
- Supported 700+ users on microservices, initial implementation for Core/Warehouse PaaS clients

SupplyPike - Fayetteville, AR

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

- Built and maintained SaaS transportation system for brokers to book and track shipments - Angular, Node.js microservices in TypeScript, and Kubernetes. RabbitMQ, MongoDB and PostgreSQL, Redis
- Designed and implemented Node.js PDF generator service. Puppeteer, Node.js/TypeScript, unit/E2E testing, and load monitoring.
- Member of company culture collective, university recruitment and hiring team

SupplyPike, CaseStack - Fayetteville, AR

Strategic Initiatives Engineering Intern (Summer 2016, January 2017)

- Research and develop MVP of product information repository, a product marketed directly to product suppliers and retailers. Angular 2/TypeScript

J.B. Hunt Transport - Lowell, AR

Information Systems Intern (Summer 2015)

- Java/DB2 SQL at Fortune-500 scale

Education

Bachelor of Science in Computer Science, Minor in Mathematics, GPA: 3.7

May 2017, University of Arkansas, Fayetteville, AR