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 (particularly the TypeScript community), and keeping up and learning on the bleeding edge of the web.

Technical Skills

Languages & Software: TypeScript, Node.js, React, Angular, .NET Core, MongoDB, PostgreSQL
Tools: Docker, Kubernetes, Kafka, CI/CD, serverless, Datadog

Experience

Nacelle - Los Angeles, CA (Remote)
Backend Software Engineer (January 2022 – Present)
- Handled many-to-one ingestion of merchant data and content, denormalized and mapped into proprietary format for efficient querying
- Designed event-based systems on Kafka to scale horizontally and distribute load
- Collaborated with Query team to implement performant ingestion for merchants, ensuring highly-available unified data

Firebend - Bentonville, AR
Developer II (September 2019 -- December 2021)
- Championed the breakout of monolith Vue/C# application into domain-specific microservices, allowing teams to deploy faster and horizontally scale to meet load
- Developed PaaS Core and Warehouse APIs, allowing customers to get to market faster, including user authentication libraries, reusable client libraries for API interaction, etc.
- Made key architecture decisions such as data segregation, database and infrastructure choice for a growing customer base
- Supported 700+ users on microservices, initial implementation for Core/Warehouse PaaS clients

SupplyPike - Fayetteville, AR
Full-Stack Software Engineer (January 2017 -- August 2019)
- SaaS transportation system for brokers to book and track shipments - Angular, Node.js microservices, Kubernetes on AWS. JavaScript/TypeScript implementations, RabbitMQ, MongoDB with PostgreSQL reporting database, Redis, CI/CD with TravisCI
- Designed and implemented Node.js PDF generator service deployed at production scale. 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 and Material components

J.B. Hunt Transport - Lowell, AR
Information Systems Intern (Summer 2015)
- Wrote Java programs to prune expiring data from 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