

Henry Darnell

hjdarnel@gmail.com - darnell.io - github.com/hjdarnel

I'm a senior software engineer based in Northwest Arkansas. I'm interested in designing systems for cloud scale, keeping up with the open source community, and consistently learning through my work.

Technical Skills

Languages & Software: TypeScript, Node.js, event-driven (Kafka/AWS), PostgreSQL, MongoDB

Tools: AWS (Lambda, Eventbridge, RDS, DynamoDB), New Relic, Docker, Kubernetes

Experience

Veho - New York, NY (Remote)

Senior Software Engineer (April 2023 – Present)

- Developed cloud-native solutions in AWS, utilizing API and event-driven communication
- Architected and led projects for team of 5 developers, including both greenfield and technical improvements, across multiple domains/concerns
- Fullstack development in AWS serverless stack, RDS/DynamoDB, React/Apollo
- Interviewer for backend architectural design, mentor to junior/mid level teammates

Nacelle - Los Angeles, CA (Remote)

Senior Software Engineer (January 2022 – April 2023)

- Designed event-based systems on Kafka to scale and distribute load across the organization
- Developed pattern for many-to-one ingestion of merchant data and content, allowing for denormalization and mapping into proprietary format for efficient querying
- Designed APIs and event structure to ensure performant and highly-available unified data model
- Microservices written in TypeScript with Node.js, Kubernetes, and Datadog monitoring

Firebend - Bentonville, AR

Developer II (September 2019 – December 2021)

- Built tenant platform and warehouse APIs, supported 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 existing monolith and buildout for Core/Warehouse PaaS clients

SupplyPike - Fayetteville, AR

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

- Built and maintained SaaS transportation system - Angular, Node.js microservices in TypeScript, Kubernetes, RabbitMQ, MongoDB and PostgreSQL, Redis
- Member of company culture collective, university recruitment and hiring team

SupplyPike, CaseStack - Fayetteville, AR

Strategic Initiatives Engineering Intern (May 2016 – January 2017)

J.B. Hunt Transport - Lowell, AR

Information Systems Intern (Summer 2015)

Education

Bachelor of Science in Computer Science, Minor in Mathematics

May 2017, University of Arkansas, Fayetteville, AR