

Lane Katris

📍 Ripley, WV 📞 3045320462

Senior Full Stack Engineer

12 years of experience

lanekatris@gmail.com

Innovative Full Stack Developer with 12 years experience with microservices, distributed systems, relational and search databases, and the latest UI frameworks. Personally, I enjoy learning with IoT/hardware projects. Outside of work you'll catch me rock climbing, playing disc golf, or basketball.

Skills:

[JS/TS/Node, C#, Golang](#)

[React, Apollo, Redux, React Native, GraphQL, Electron, Angular](#)

[SQL Server, Postgres, ElasticSearch, Solr, Mongo, Influx, Prometheus](#)

[Kubernetes, Serverless, Docker, Pulumi, GH Actions](#)

[EKS/RDS/MSK/ElastiCache/Cloud Run](#)

[RabbitMQ, Kafka, Google Pub/Sub](#)

[Tableau, SSIS](#)

Experience

HD Supply

Oct 2022 to Present

Senior Application Engineer Remote

Led the design and implementation of an internal pricing application resulting in potentially a \$3 million increase in gross profit

- Collaborated closely with product owners and clients to comprehensively understand requirements, while soliciting feedback on my wireframes to align on final specifications. Facilitated team planning sessions and executed end-to-end implementation and design of vertical slice features
- Played a key role in orchestrating integrations with teams such as SAP and Snowflake, planning solutions, and gathering architecture team feedback. Balanced rapid iteration with long-term sustainability when delivering features
- Developed a serverless job processing framework using GCP services and Postgres, addressing a critical gap within the company's engineering tool suite
- Quickly onboarded and contributed to accelerating the delivery of a waste regulation application facing delays. Delivered ahead of UAT goals using .NET microservices and React

IronNet Cybersecurity [ironnet.com](#)

Jul 2021 to Oct 2022

Full Stack Engineer Remote

Full stack engineer working on the UX gateway to collective defense cyber security to reach IPO

- Transitioned an in-house CI tool to IaC (Pulumi) to deploy clusters. Uses various AWS services: EKS, VPC Peering, RDS, ElastiCache, MSK, ECR, EC2, and OpenSearch
- Designed MITRE ATT&CK solution by working with other team's services offering aggregated data along with data ingestion via Kafka for detailed data
- Led initial research and design on our Hunt product that provides a Kibana-like interface to OpenSearch data. This included aggregations to power visualizations and iron-ing out multi-tenant considerations for detailed data and comparing tenants
- Added functionality within other teams' GoLang APIs to meet our team's reporting requirements for correlation data
- Proficient with cloud cost monitoring, scaling, Kubernetes application troubleshooting, and cloud connectivity debugging
- Helped reverse engineer Robin Banks' (PhaaS) obfuscated PHP client package

The Community Company [community.co](#)

Jan 2019 to Jul 2021

Full Stack Engineer Remote

All-remote invite only community providing forums, directories, article authorship, etc.

- Improved upon existing feed, directory, and authorship products with micro service development with React, GraphQL federation, Postgres and Elastic Search
- React Native white-label mobile application life cycle design, development, and roll outs
- Helped migrate our in-house Postgres driven feed and notification structure to GetStream.io Chat + Feeds

Marietta Memorial Hospital mhsystem.org

May 2017 to Nov 2018

Software Engineer Marietta, OH

Created software solutions along with Tableau for employee use and executive decision making

- Supported doctors and executives with visualizations and KPIs available on mobile and desktop (i.e. RVU calculator, Daily Cash) using Electron and a mix of Node.JS and GoLang backend services
- Maintained our services on bare metal Kubernetes along with the ELK stack
- Created and supported a purchase requisition application in Node.JS that processed millions

Fluor BWXT fbportsmouth.com

Sep 2016 to May 2017

Software Engineer Piketon, OH

Government contractor building in house eCommerce applications and guiding our team with best practices and SOLID principles

- Assessed existing applications to provide estimates on level of effort to get them finished and deployed to clients; along with estimates on implementing functionality to integrate with other applications on site
- Designed and built our workflow engine and procurement eCommerce like application
- Championed for a modern UX with relevant UI frameworks using Angular and .NET

nChannel nchannel.com

Apr 2012 to Sep 2016

Software Engineer Belpre, OH

Multi-channel eCommerce integration provider with a startup culture. Helped sync orders, items, and inventory between Amazon, eBay, RMS, etc.

- Led a project with supplier order integration; moving orders across accounts to their respective supplier accounts using C#, XSLT, Windows Workflow and Entity Framework
- Integrated and customized the ASPDNSF presentation layer and WSI along with implementing Solr for product / category / pricing search ability. Optimized Solr indexes to support customer SKUs and general search requirements
- Had a DevOps hat consisting of deployments of web applications, server configuration, SQL migrations, along with scripting deployment automation
- Developed web applications from end-to-end, utilizing SQL and NoSQL, Asp.NET MVC / Web API, and Angular JS

West Virginia University at Parkersburg wvup.edu

Jan 2011 to Mar 2013

Computer Support Technician Parkersburg, WV

- Facilitated students and faculty with access to network information systems
- Implemented hardware upgrades
- One-on-one assistance with students and the public with technical issues

Education

West Virginia University at Parkersburg

Aug 2009 to May 2013

Bachelor of Applied Technology, Network Engineering

Awards

