

Alexander Korn

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EXPERIENCE

Senior Software Engineer <i>Okta</i>	August 2024 – Present Austin, TX
<ul style="list-style-type: none">Serve as technical leader and AI champion, driving architectural decisions and implementing AI-powered code reviews, compliance automation, and documentation tools across engineering teams.Architected serverless infrastructure for Auth0 Actions platform handling billions of daily requests with container security isolation and sub-200ms response times.Reduced cluster startup time 45% (2m 45s to 1m 30s) to handle traffic spikes.Accelerated CI/CD pipelines 50-80% through parallelization and caching.Built observability system tracking latency, errors, and resource usage for data-driven optimization.Cut infrastructure costs via workload modeling and instance rightsizing.	
Senior Software Engineer - Consultant <i>Slalom</i>	March 2022 – September 2024 Austin, TX
<ul style="list-style-type: none">Led engineering initiatives, collaborating with stakeholders to deliver solutions.Built scalable, real-time data pipelines to support large-scale data processing for AI/ML and BI applicationsBuilt secure, AI-friendly APIs handling millions of users and billions of requests daily.Instrumented APIs with observability tools, enabling real-time performance monitoring, metrics-driven optimization, and streamlined troubleshooting.	
Senior Software Engineer <i>Discover Financial Services</i>	July 2021 – March 2022 Austin, TX
<ul style="list-style-type: none">Engineered secure REST APIs supporting millions of daily requests and developed user interface functionality.Deployed and managed cloud infrastructure and CI/CD pipelines supporting blue/green deployment.Built a product from scratch, and successfully delivered and launched beta and MVP versions.	
Software Engineer II <i>Cox Automotive</i>	October 2020 – July 2021 Austin, TX
<ul style="list-style-type: none">Developed a customer-facing API portal, enabling users to sign up, track usage, monitor performance, and optimize their API experience.Developed internal tools and SDKs to optimize developer experience throughout the organization.Implemented CI/CD pipelines to reduce deployment time from 15 minutes to 3 minutes.	
Software Engineer II <i>Beckman Coulter</i>	January 2019 – October 2020 Chaska, MN
<ul style="list-style-type: none">Developed, designed, and tested REST APIs and implemented user interface functionality.Developed internal full-stack applications to support engineers in the development of research chemicals.Engineered and streamlined application deployment and automated testing to leverage Azure cloud resources.	
Early Career Roles <i>Genesis 10 (Contract), Beckman Coulter (Intern)</i>	May 2017 – December 2018 Minneapolis, MN
<ul style="list-style-type: none">Modernized cloud infrastructure from on-prem to Docker and Kubernetes on AWS for Ameriprise Financial.Built troubleshooting system reducing support tickets for Beckman Coulter's instrument software.	

TECHNICAL SKILLS

Certifications: AWS Solutions Architect

Languages: Typescript, Go, Python, C#, Java, SQL

Frameworks: React, Node.js, .NET, Flask, Django, Next.js, Express, Spring, Pandas, Tailwind

Skills: Git, Docker, Kubernetes, Elasticsearch, DataDog, Ansible, Kafka, Jenkins, Terraform, gRPC, REST, AWS, Azure, LangChain, Linux

Databases: DynamoDB, MongoDB, Postgres, SQL Server, Cassandra, Redis, MySQL, Snowflake

OPEN SOURCE CONTRIBUTIONS

Auth0 Deploy CLI | *Javascript, Node.js, Open Source*

- Contributed features and bug fixes to Auth0's official deployment CLI, improving configuration management for thousands of enterprise customers.

Auth0 Authorization Extension | *Javascript, Node.js, Open Source*

- Contributed to Auth0's authorization extension enabling role-based access control and permissions management for enterprise applications.

EDUCATION

Gustavus Adolphus College

Bachelors in Computer Science

St.Peter, MN

August 2014 – June 2018