Alexander Korn

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EXPERIENCE

Senior Software Engineer   August 2024 – Present
Okta   *Austin, TX*
- Serve as technical leader and AI champion, driving architectural decisions and implementing AI-powered code reviews, compliance automation, and AI tooling 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   March 2022 – September 2024
Slalom   *Austin, TX*
- 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 applications
- Built 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   July 2021 – March 2022
Discover Financial Services   *Austin, TX*
- 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   October 2020 – July 2021
Cox Automotive   *Austin, TX*
- 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   January 2019 – October 2020
Beckman Coulter   *Chaska, MN*
- 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   May 2017 – December 2018
Genesis 10 (Contract), Beckman Coulter (Intern)   *Minneapolis, MN*
- 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, Netbox, 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   St.Peter, MN
Bachelors in Computer Science   *August 2014 – June 2018*