Alexander Korn

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EXPERIENCE

Senior Software Engineer - Consultant
Slalom

March 2022 – Present
Austin, TX

- Led technical initiatives as a lead engineer, collaborating with stakeholders to deliver effective solutions
- Built scalable, real-time data pipelines to support large-scale data processing for AI/ML and BI applications
- Developed secure, high-traffic, APIs supporting millions of users and billions of daily requests
- Engineered and managed cloud-based infrastructure ensuring high availability, scalability, and cost optimization
- Instrumented APIs with observability tools, enabling real-time performance monitoring, metrics-driven optimization, and streamlined troubleshooting.

Senior Software Engineer
Discover Financial Services

July 2021 – March 2022
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
Cox Automotive

Oct 2020 – July 2021
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
Beckman Coulter

Jan 2019 – Oct 2020
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.

Java Developer
Genesis 10

Jun 2018 – Dec 2018
Minneapolis, MN

- Created REST APIs for internal use, streamlining application development and integration.
- Modernized Ameriprise's cloud approach from on-prem to leveraging Docker and Kubernetes on AWS.

Software Engineering Intern
Beckman Coulter

May 2017 – Aug 2017
Chaska, MN

- Built and launched a troubleshooting system to help users fix common issues without contacting support.

EDUCATION

Gustavus Adolphus College
Bachelors in Computer Science

St.Peter, MN
August 2014 – June 2018

PROJECTS

Cronometer Analyzer | *Python, Pandas, Streamlit*
- Software to analyze my exported data from Cronometer and display it in an easy-to-read and informative format.

Discord Info Bot | *Python, Flask, Git*
- A Discord bot to respond and request information for users.

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, Kibana, Logstash, Ansible, Kafka, Jenkins, Terraform, AWS CDK, gRPC, REST, GraphQL, AWS, Azure, Okta, Linux
Databases: DynamoDB, MongoDB, Postgres, SQL Server, Cassandra, Redis, MySQL, Snowflake