

# Alexander Korn

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## EXPERIENCE

<b>Senior Software Engineer - Auth0</b> <i>Okta</i>	August 2024 – Present Austin, TX
<ul style="list-style-type: none"><li>Led efforts to modernize and implement AI solutions, boosting developer productivity and code quality.</li><li>Reduced cluster startup time from 2 minutes 45 seconds to 1 minute 30 seconds to handle traffic spikes.</li><li>Optimized CI/CD pipelines, reducing build times by 50-80%, accelerating deployments.</li><li>Built metrics-driven monitoring, enabling real-time performance insights and faster troubleshooting.</li></ul>	
<b>Senior Software Engineer - Consultant</b> <i>Slalom</i>	March 2022 – September 2024 Austin, TX
<ul style="list-style-type: none"><li>Led engineering initiatives, collaborating with stakeholders to deliver solutions.</li><li>Built scalable, real-time data pipelines to support large-scale data processing for AI/ML and BI applications</li><li>Built secure, AI-friendly APIs handling millions of users and billions of requests daily.</li><li>Managed cloud infrastructure for high availability, scalability, and cost optimization.</li><li>Instrumented APIs with observability tools, enabling real-time performance monitoring, metrics-driven optimization, and streamlined troubleshooting.</li></ul>	
<b>Senior Software Engineer</b> <i>Discover Financial Services</i>	July 2021 – March 2022 Austin, TX
<ul style="list-style-type: none"><li>Engineered secure REST APIs supporting millions of daily requests and developed user interface functionality.</li><li>Deployed and managed cloud infrastructure and CI/CD pipelines supporting blue/green deployment.</li><li>Built a product from scratch, and successfully delivered and launched beta and MVP versions.</li></ul>	
<b>Software Engineer II</b> <i>Cox Automotive</i>	October 2020 – July 2021 Austin, TX
<ul style="list-style-type: none"><li>Developed a customer-facing API portal, enabling users to sign up, track usage, monitor performance, and optimize their API experience.</li><li>Developed internal tools and SDKs to optimize developer experience throughout the organization.</li><li>Implemented CI/CD pipelines to reduce deployment time from 15 minutes to 3 minutes.</li></ul>	
<b>Software Engineer II</b> <i>Beckman Coulter</i>	January 2019 – October 2020 Chaska, MN
<ul style="list-style-type: none"><li>Developed, designed, and tested REST APIs and implemented user interface functionality.</li><li>Developed internal full-stack applications to support engineers in the development of research chemicals.</li><li>Engineered and streamlined application deployment and automated testing to leverage Azure cloud resources.</li></ul>	
<b>Java Developer</b> <i>Genesis 10</i>	June 2018 – December 2018 Minneapolis, MN
<ul style="list-style-type: none"><li>Created REST APIs for internal use, streamlining application development and integration.</li><li>Modernized Ameriprise's cloud approach from on-prem to leveraging Docker and Kubernetes on AWS.</li></ul>	
<b>Software Engineering Intern</b> <i>Beckman Coulter</i>	May 2017 – August 2017 Chaska, MN
<ul style="list-style-type: none"><li>Built and launched a troubleshooting system to help users fix common issues without contacting support.</li></ul>	

## EDUCATION

<b>Gustavus Adolphus College</b> <i>Bachelors in Computer Science</i>	St.Peter, MN August 2014 – June 2018
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## PROJECTS

<b>Cronometer Analyzer</b>   Python, Pandas, Streamlit	
<ul style="list-style-type: none"><li>Software to analyze my exported data from Cronometer and display it in an easy-to-read and informative format.</li></ul>	
<b>Discord Info Bot</b>   Python, Flask, Git	
<ul style="list-style-type: none"><li>A Discord bot to respond and request information for users.</li></ul>	

## TECHNICAL SKILLS

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**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