

# Kristoffer Stobbe

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## PROFESSIONAL EXPERIENCE

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### FloQast

Austin, TX

#### **Software Engineer II** (Aug 2024 - Present)

- Designed and implemented a high-performance caching service, boosting data retrieval speed by 90%.
- Developed a custom SDK with optimized Snowflake queries to streamline interactions, reduce query execution times, and enhance system scalability while ensuring seamless workflow integration.
- Implemented a responsive React nano-frontend with a robust TypeScript backend (RESTful APIs), enabling dynamic dashboard visualizations and real-time analytics across the platform.

### SunPower Corporation

Austin, TX

#### **Sr. Software Engineer** (Jan 2022 - Aug 2024)

- Led a cross-functional team (engineers, PMs, UI/UX) to create a React-based financial application, streamlining solar financing and processing \$2M+ in annual financing for thousands of customers nationwide.
- Architected scalable APIs in Java Spring Boot and built a robust hosting infrastructure on AWS using the Cloud Development Kit (CDK), ensuring security and high availability for a growing user base.
- Developed a NoSQL database and data pipeline integrated with AWS SageMaker, significantly enhancing predictive modeling and operational efficiency by enabling advanced analytics and real-time insights.

#### **Software Engineer** (Jan 2021 - Jan 2022)

- Built a full-stack React/Node/MongoDB application for dynamic report generation, reducing manual hours and seamlessly integrating with third-party analytics tools.
- Boosted performance and scalability by containerizing the application and deploying it on Amazon EKS with Jenkins, leveraging ElastiCache for optimized caching and automated resource scaling.
- Developed an ETL pipeline that streamlined data processing by 40% and improved reporting accuracy, accelerating data-driven decisions.

#### **Data Analyst & Engineer** (Mar 2020 - Jan 2021)

- Engineered a full-stack system for government lien filings (OCR + automated submissions), processing 80,000+ documents and saving 2,000+ hours of manual work.
- Enhanced operational workflows with Python (Flask), HTML/CSS, and automated web scraping via Selenium, creating user-friendly interfaces that improved team efficiency.

### SAS Institute

Austin, TX

#### **Technical Support Engineer** (May 2018 – Mar 2020)

- Developed a Node.js API-driven full-stack application to streamline customer log analysis, accelerating collection by 35% and improving data accessibility for support teams.
- Provided critical SAS programming support and authored integration documentation between SAS and Python, aiding cross-functional teams in advanced analytics.

## TECHNOLOGIES

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- **Programming:** JavaScript, TypeScript, Python, Java, HTML, CSS, R, SAS
- **Libraries & Frameworks:** React, Next, Vite, Redux, Node, Express, D3, Flask, Spring Boot
- **Data & Analytics:** SQL, DynamoDB, MongoDB, MSSQLServer, OracleDB, Pentaho, PowerBI, PowerQuery, Excel
- **DevOps:** AWS Management Console, AWS CDK, Github Actions
- **Versioning and Productivity:** Git, GitHub, Gitlab

## EDUCATION

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### Georgia Institute of Technology

August 2023

MS, Data Analytics

### Baylor University

May 2018

BS, Electrical & Computer Engineering, Minor Mathematics

Waco, TX