

Jwalin Maniar

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EDUCATION

The University of Colorado at Boulder, Boulder, CO May 2018
Bachelor of Science in Computer Science

The University of Colorado at Boulder, Boulder, CO May 2025
Masters of Business Administration

TECHNICAL SKILLS

- Proficient in GO, Python, SQL, AWS, Azure, Docker, JavaScript, Node.js and React; Familiar with Kubernetes, R, C and MongoDB; Exposed to Java and C++

EXPERIENCE

Western Alliance Bank, Denver, CO August 2024 – Present
Staff Software Engineer

- Facilitated cross-team collaboration to strategically plan and execute the migration of applications and services from on-premises data centers to the cloud, ensuring minimal downtime and optimized performance.
- Developed and maintained CI/CD pipelines in Azure, including daily scheduled pipelines and monthly maintenance pipelines for critical services.
- Implemented API services using C# and Swagger to update, retrieve, and remove loan information, and developed scheduled tasks to automatically send email notifications to the support team for loan-related updates.
- Trained and mentored junior engineers, guiding them through best practices in development, testing, and cloud infrastructure management.

Persefoni, Remote May 2022 – May 2024
Software Engineer

- Collaborated closely with back-end teams to architect and optimize data structures and processes tailored to product specifications. Expertly built libraries and micro-services using gRPC and REST, while creating connectors in Workado using Ruby to automate data flows.
- Designed and implemented CI/CD pipelines using AWS services, automating build, test, and deployment processes to ensure seamless and efficient delivery of applications.
- Designed and implemented API structures using Golang, integrated third-party APIs to securely retrieve and upload data, and ensured the safe storage of users' sensitive information by utilizing SHA-256 encryption.

T-Mobile Inc, Denver, CO May 2018 – May 2022
Software Engineer

- Implemented micro-services to monitor the linear streams and VOD content for hundreds of thousands of users with seamless interaction with the cloud DVR system.
- Led a project with offline features for Taking surveys and reporting RF signals for Over the Air programming, Using Golang, PostgreSQL, React, and Redux.
- Developed a redundant web application for creating and troubleshooting channel lineups, VOD lineups, encoders, and packagers, utilizing Golang, React, PostgreSQL, Redis, and NodeJS. This solution featured high availability (HA) Postgres with primary and secondary databases and replication.

CAMPUS INVOLVEMENT

HackCU at CU Boulder, Boulder, CO August 2024 – Present
Team Director, Event

- Led cross-functional teams to market and execute HackCU, fostering collaboration between technical and non-technical members to drive event success.