# Sahil Hirani

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## EDUCATION & CERTIFICATIONS

**University of Kansas**  Lawrence, KS
*B.S. in Computer Science*  *Graduated Dec 2019*

**Microsoft MTA Software Development Fundamentals Certification**  *Nov 2020*

**Professional Scrum Developer I Certification**  *March 2021*

## EXPERIENCE

**Charles Schwab**  Austin, TX
*Software Engineer II*  *June 2020 - Present*
- Overhauled an API to handle over 180k daily database changes using C# and MongoDB
- Assumed team lead responsibilities after creation of a new team, including on-boarding new hires, establishing team processes, and initializing team development environments
- Authored documentation of specific team processes for code reviews, deployments, and environment setup to assist new engineers
- Instructed new college graduates on multiple teams on how to better navigate Schwab's large code bases
- Conducted release testing and provided developer support for production release nights
- Documented legacy code to allow for more streamlined diagnosis and resolution of production issues
- Utilized logging tools such as Splunk to assist in a financial crime investigation

*Software Engineer I*
- Built a dashboard UI to allow Advisors a central view for all relevant data using Angular
- Engineered an API as a BFF layer to collect data from multiple sources for the dashboard using C# and .NET
- Implemented an Exit Survey using JavaScript for advisors to provide direct feedback to business managers
- Upgraded out-of-date authentication tokens and APIs to be compliant with current standards
- Directed multi-team communication to ensure awareness of complex code changes
- Interviewed candidates for developer positions as well as created coding challenges for technical challenges used by other interviewers

**Cerner**  Kansas City, MO
*Associate Software Engineer*  *Jan 2020 - May 2020*
- Devised a caching system for a Ruby on Rails application used to track the learning progress of new engineers
- Created automation scripts to spin up different instances/clusters of Apache zookeeper, bookkeeper, and Pulsar
- Researched and presented analysis of Pub/Sub services for use in a greenfield project to be used as a messaging service for physicians

**United States Air Force**  Ogden, UT
*Software Engineer Intern*  *May 2019 - Aug 2019*
- Adapted existing and implemented new features based on user's needs/preferences using C# and .NET
- Maintained a large code base using source control (git) to achieve tasks in weekly sprints
- Worked with the Personnel Recovery Mission Management team to improve the application
- Assisted Squadron Director in administering daily tasks related to organization structure

## PROJECTS

**Toucan**
*Social Media Mobile Application*
- Designed and programmed a fully functional location based live chat app to allow users to share their experiences at large events
- Developed app navigation in a clear and intuitive way for users, using React Native
- Integrated chat functionality with a Firebase backend which allowed for live updates to users within a session

## SKILLS

- **Languages**: Python, JavaScript, C#, .NET, Angular, C++, Ruby on Rails, React Native
- **Technologies**: BitBucket, Jira, MongoDB, GitHub, Visual Studio, FireBase, Chrome Developer Tools