

# Robert Salas

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## Software Engineer

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### Experience

#### Microsoft

##### **JUN2023 – Present**

*Software Engineer IC60* - Redmond, WA

- Designed UI/UX and backend plumbing implementation plans for scoped Windows 11 feature; pending release to 1.4 billion devices
- Implemented consumer and enterprise features for Windows 10/11 using C++/CX and XAML; resulting in estimated \$50 million in revenue
  - [Widgets on Lock screen](#)
- Analyzed data from experiments and collaborated with feature stakeholders on data driven decisions; resulted increased agility
- Generated documentation on systems and components architecture, testing, and release processes; resulted in increased ability to make changes by other teams
- Managed continuous integration pipelines for Windows codebase that multiple teams depend on; resulted keeping multiple teams codeflow unblocked
- Implemented bug fixes for large scale bugs affecting over 120k devices; resulted in increased customer satisfaction

##### **AUG2022 – JUN2023**

*Software Engineer IC59* - Redmond, WA

- Designed and implemented consumer and enterprise UI/UX and backend plumbing for multiple File Explorer features; released successfully to 1.4 billion devices
  - [XAML File Explorer Home](#)
  - [Context Menu Access Keys](#)
  - [File Recommendations](#)
- Worked closely with feature stakeholders to identify regressions prior to release; resulted in increased number of defects caught before reaching global retail users
- Designed and executed A/B experiments targeting Windows Internal and Windows Insider users; results informed product evolution
- Maintained and improved legacy File Explorer code with latest technology and best practices
- Reviewed, discussed, and debated proposed changes for team members and myself
- Performed research on latest technology and best practices
- Presented technical talks on latest technology and best practices

## **FEB2022 – JUN2022**

*Software Engineer Apprentice - The Colony, TX*

- Designed and implemented a feature in File Explorer using C++/WinRT
- Created unit tests and usage monitoring using C++/WinRT and internal tools
- Performed A/B testing on Windows Insider consumer and enterprise users
- Utilized Azure DevOps platform for continuous integration
- Worked closely with product manager and design team to ensure best quality for users
- Collaborated with internal and external team members to resolve blockers

## **ORTHOFIX MEDICAL Inc. – The Colony, TX**

### **APR2021 – FEB2022**

*Application Support Developer*

- Rewrote admin dashboard for sales portal using React SPA and .NET 5 API connecting to SQL Server database; Efforts resulted in 90% faster task completion and a 18% decrease in overall support for sales portal (measured by JIRA tickets)
- Created console app using .NET 5 to generate CSV based on requirements and send to outsourced team daily
- Created console app using .NET 5 to migrate orders from beta sales portal to stable legacy sales portal
- Created CI/CD pipelines using Github actions and Github runners
- Created SQL jobs for ETL processes
- Maintain enterprise legacy code for sales portals, physician portal, and admin tools
- Debugged multiple outages for multiple applications
- Reverse engineer enterprise sales portal and create documentation on system and feature level
- Utilized Agile methodologies conducting 2 week sprints with CI/CD pipeline

## **WELRUS Inc. – Los Angeles, CA**

### **AUG2020 – APR2021**

*Full Stack Developer*

- Created SQL stored procedures to retrieve data from multiple tables using joins and foreign key relationships
- Designed data tables, bridge tables, composite tables needed for features using a relational database SQL Server
- Created RESTful API's that processed network requests for a SQL Server database using .Net Core, utilized OOP principles
- Built reusable React components, including a geo-based search feature to help users find medical providers near them based on their current geographical location through our custom web controller endpoints and Google Maps API
- Developed a UI visual map that displayed keyword and geocoded search results and their proximity to the user's location using Material UI, a React custom Material Design framework, and Google Maps API.

- Built dashboard to display daily appointments, analytics and route user with responsive design and reusability using React and Material-UI
- Collaborated with team to solve application challenges such as connecting features, bugs in application, and overall design
- Utilized Agile methodologies conducting 2 week sprints and performed 2-4 peer code reviews weekly on pull requests to ensure good source control and meets team standards

## **UNITED STATES ARMY – Fort Carson, CO**

**MAY2013 – JAN2017**

*Security Specialist*

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## Education

### **UNIVERSITY OF REDLANDS – Redlands, CA**

**October 2020**

- MBA with a concentration in Marketing

### **UNIVERSITY OF PHOENIX – Ontario, CA**

**September 2019**

- Bachelor of Science in Management
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## Volunteer

### **SAVE A WARRIOR – TX**

**August 2021 - Present**

*Texas State Ambassador*

- Save A Warrior helps veterans and first responders get on the other side of PTS and suicidal ideations.

### **SAVE A WARRIOR – Los Angeles County, CA**

**May 2018 - August 2020**

*Fundraising*