

Sabareesan Ravi

SOFTWARE DEVELOPER

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Programming Languages

Proficient - Java, C#

Familiar - Golang, C++, C

Technical Skills

Data structures & Algorithms,
OOPS Concepts, OS, Design
patterns, Databases, Cross-
Platforms, SDLC, Agile.

Frameworks & Tools

APIs - Servlets, Eclipse jersey

UI - EmberJS, WPF, XAML

Databases - PostgreSQL

Source Control - Git, Mercurial

IDEs - IntelliJ, Microsoft Visual
Studio

OS - Windows, Linux

Scripting - PowerShell, Bash

Responsibilities

- Requirements Elicitation
- Rapid prototyping and proof of concept
- Building key features
- Designing large systems
- Implementation of assigned task on time
- Strong knowledge in data structures and algorithms
- Finding and solving root causes of bugs and issues
- Collaborating with multiple teams

Education

B.E - Computer Science - 8.9/10

Sri Krishna college of engineering
and technology, Coimbatore (2016-
2020)

Personal Traits

- "Can-do" and continuous improvement attitude
- Ready to pick up new technologies easily and quickly
- Excellent interpersonal and communication skills with an ability to work across diverse teams

Objective

Seeking a **software developer** position in a challenging environment that utilizes team-work effort for researching, learning and developing new high-tech products

Professional Experience

Zoho Corporation - Software Developer

July 2020 - Present

Projects

ManageEngine PAM360

Managing and organizing a **sub-team of 4 members** by introducing **agile methodology** and involved in design and development of **services, web and desktop** applications for the following features.

Zero trust

- A **continuous automatic validation** framework for securing systems.
- Implemented **polling service** for client machines using **osquery** and **APIs** to push security data to server.
- Designed a **configurable scoring system** based on data to restrict vulnerabilities.
- **Tech stack** : Meta osquery, Servlets, Eclipse Jersey, AWS, Tomcat, MVC

Self Service Privilege Elevation (Application/Command Elevation)

- A **One-Click Login** solution for **special administrative privileged actions**.
- Developed **modern password-less solutions** for replacing "**Run as administrator**" in windows and "**sudo**" in Linux.
- Introduced a **data controller** for updating lists that improved total performance by **60%**.
- **Tech stack** : C#, WPF, XAML, Golang, Servlets, Tomcat, MVVM, MVC

Remote Connect

- An ultimate light-weight desktop application for **remote computing**.
- Created an integrable and extensible **MVVM** based windows desktop app.
- Bundled Password APIs in **Putty** for **passwordless authentication**.
- Introduced a REST API for auditing external actions to server.
- **Tech stack** : C#, WPF, XAML, Servlets, Eclipse Jersey, MVVM, MVC, libcurl, AWS, Microsoft RDP Client Control

Password Management

- A **polling-service** to manage the **passwords behind firewalls**.
- Revamped the existing APIs and Agent service with scalability and compactness.
- Added **failover systems, query optimization, schedulers, regex based** dynamic account filtering to the existing design.
- Released **stable solution** which improved its usage in customer end by **30%**.
- **Tech stack** : C#, WPF, XAML, Golang, Servlets, Tomcat, MVVM, MVC

Achievements & Activities

Professional

- Gartner Magic Quadrant • GITEX - Dubai Expo 2022 • US & European Conference
- Top 5 developers of 2021 • Passionate performer award for 3 consecutive years.

Personal

- Scaler Academy Member • Oxford's Green Hackathon Participant • Harvard's hackharvard qualifier • Engineer's world record attempt - largest techno fest.