



MADHAV SOMANI

Austin

Contact



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Summary

Ambitious Developer Specialist skilled in creating 2D/3D Application and Utility Tools for the Web/Windows/Android/iOS/Mac platform. Experienced Android Developer committed to maintaining innovative technical skills and Up-to-date industry knowledge. Administrator motivated to drive projects from start to finish as part of a dynamic team.

Skills

- JAVA / C / C++
- DESIGN PATTERNS
- OOP / SPRING
- SOFTWARE DEVELOPMENT
- HTML / CSS
- ANGULARJS / React
- TIZEN / WEBOS
- C# / JAVASCRIPTS
- SOLR/CASSANDRA
- ANDROID DEVELOPER
- AJAX/ JSON / JDBC
- DATABASE DESIGN
- DEBUG AND DOCUMENTATION
- TECH SUPPORT / TEAM LEAD
- GIT / GRADLE / MVC
- SQL / MYSQL / AZURE

Certifications

Certified Cyber Security Expert.
Certified Information System
Security Professional
Certified Ethical Hacker

PROFESSIONAL EXPERIENCE

Software Engineer-II (Full-Time)

09/2021 – Present

Microsoft – Seattle (USA)

- Implementing system modules based on C#
- Worked on Cosmos DB to maintain database efficiency.
- Implementation over Azure V-Network manager mainframe

Senior Software Engineer (Full-Time)

07/2019 – 09/2021

Visa Inc – Austin (USA)

- Designing and implementing system modules based on React/Groovy/GO and using Java
- Worked on SOLR and Apache Cassandra (DataStax) to maintain database efficiency.
- A CQLSH implementation of deep pagination with cursor in API to fetch large search set

Software Developer (Intern and Co-op)

06/2018 – 12/2018

LobbyTV – Fort Worth (USA)

- Designing and implementing system modules based on AngularJS and using C# / .NET
- Worked on Tizen 3.0 and WebOS 3.0 on lobbyTV streaming and error handlers.

Lead Software Developer (Intern and Full-Time)

07/2016 – 07/2017

Buzzinga Labs – Nagpur (India)

- Developed program for modification and integration in Android/React environment.
- Led and completed live project "Restaurant Gamification" in under 5 months.

Game Developer (Intern)

06/2016 – 11/2016

Lemon Ideas – Nagpur (India)

- Developed and implemented complex Internet applications on multiple platforms.
- Developed a Unity3D game know as "PlanetRoll" which is live on Google Play.

Teacher (Full-Time)

12/2011 – 12/2012

Innobuzz – Nagpur (India)

- Lecturer of Ethical Hacking and Android

EDUCATION

Master of Science: Computer Science

08/2017 – 05/2019

The University of Texas at Arlington

Top of class with GPA 3.5 out of 4

Bachelor of Science: Computer Engineering

07/2013 – 07/2017

St. Vincent Pallotti College of Engineering at Nagpur

Top of class with GPA 3.8 out of 4

Outstanding Personality, Elocution and Debate Achievement Awards

ACCOMPLISHMENTS

- First position in National level HACKATHON 48 hr Coding Challenge (2015,2016,2017)
- First position in National level APPATHON 2015 and 2016
- Runner up at National level APPFLUX Competition 2015-IIT ROORKEE
- Featured in various National Newspaper like 'The Hitavada', 'Times of India', etc.
- Featured in talk show at various FM Radio Channel such as 'Radio Mirchi'.
- Secured first position at InterUniversity level AVISHKAR2016 Research presentation

PROJECTS

- **Advanced SOS:** Detect Accidents automatically though Artificial Intelligence.
Unity 3D | C# | Git | Vs 2017 | ASP .NET Core | Azure Machine Learning Studio
- **Bhaji Bazaar:** Simplicity meets the window shopping. Vegetable market.
- Java | Google Firebase | Android Studio | REST API
- **Smart WiFi attendance:** WiFi attendance System for University and Colleges
ASP.NET MVC 5 | Entity Framework | Bootstrap | .NET 4.7 | VS 2017 | MS SQL Server | Android
- **lobbyTV:** Promote your business, products or services with its simple to use platform.
HTML | CSS | JavaScript | AWS | Angular JS | REST API | Search API | JSON | C#
- **Augrat:** Generate buggy android code for comparing program analysis tools like Leak Canary, Heap Hero etc.
FindBugs | SonarLint | HeapHero | HTML | CSS | JavaScript | SWING | Java | Git