
KAUSHIK SAMPATH

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Summary

Results-Focused Full Stack Software Developer and DevOps Engineer with 16 months of experience. Proficient in C# and experienced in building .net apps with thorough knowledge of MVC, WCF & WCF Rest, Web API 2, Win Forms, jQuery and Bootstrap. Hands-on experience with DevOps and the AWS Cloud. An avid learner, a creative individual, a cohesive team-player willing to take ownership of core components. Inquisitive about broad areas of Computer Science with special interests in DataStructutres & Algorithms and Software Architecture.

Professional Experience

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|------------------------|--|
| Jan, 2017 - Present | <p>Software Engineer</p> <p><i>LeadSquared, Bangalore, KA, India</i></p> <p>Currently developing User Management & Security features for LeadSquared's Devops Services API. Worked in the Activity Management area of LeadSquared Web Application & REST Services. Assumed a critical DevOps role and have setup new Production Environments on the AWS Cloud. Built the LeadSquared's AutoScaling Application from scratch.</p> |
| July, 2016 - Jan, 2017 | <p>Associate Software Engineer</p> <p><i>LeadSquared, Bangalore, KA, India</i></p> <p>Worked in the LeadSquared's Tenant Signup API and in the Tenant Management Web Application. Undergone a 3 month rigorous training in the .net technology stack.</p> |

Education

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| 2012 - 2016 | <p>B. Tech. (Information Technology)</p> <p><i>Coimbatore Institute of Technology (Anna University), Coimbatore, TN, India</i></p> <p>• First Class with Distinction • CGPA : 8.75 / 10 • Top 5% in the class of 67</p> |
| 2010 - 2012 | <p>Higher Secondary School Leaving Certificate</p> <p><i>Bharathi Vidya Bhavan MHSS, Erode, TN, India</i></p> <p>• First Rank Holder in the class • Score: 97.4 % • Subjects: Maths, Physics, Chemistry, Computer Science</p> |

Skills

Technical Skills

Programming Languages - C#, Java, C & C++

Scripting Languages - JavaScript, Powershell, Bash

Databases & DataStores - MySQL, ORACLE, Redis, Firebase

Back-end Frameworks - .NET (WCF & WCF REST, WebAPI 2, WPF & WinForms), J2EE

Front-end Frameworks - Bootstrap, jQuery

Packages & Tools - AWS SDK, Json.NET, Quartz.NET, log4net, OpenCV, AWS CLI, Git & SVN

Select Projects

- **LSQBot**
 - A private bot built with the Microsoft Bot Framework and integrated with the LeadSquared Engineering Team's Skype Group to enable hassle free builds and deployments of different LeadSquared projects.
- **Customer Mangement Site (CMS)**
 - N-Tier Asp.NET Application with a MVC Web App Layer, WCF Rest Services Layer and MySQL based Data Layer. A complete web solution for Online Record Management. Project Url: <https://github.com/KaushikScorpion/CMS>
- **VISION ASSIST: A Computer Based Vision Aid for the Blind**
 - Converts the world around the visually challenged into an audible experience. Uses a machine learning approach based on Haar Classifiers. Coded in C++ leveraging OpenCV framework and customized to run on Raspbian on a Raspberry pi 2 Pocket PC.
- **NFC and Bluetooth Enabled Hybrid Access Control System**
 - Engineered a unique Arduino based door lock which redefines the traditional access control techniques. The lock can be controlled either through NFC Tags or through Bluetooth from the lock's Android App. The lock including the tags can be managed through the Android App.

Extracurricular / Community Involvement

- **Elected Class Representative** (2013 - 2015)
- **Joint Secretary, Students' Association of the Dept. of CSE & IT, CIT** (2014 - 2016)
- **Events Coordinator & Editor-in-Chief of Souvenir, Interface 2015** - A national level students' symposium.
- **Editor-in-Chief, Tekdezine 2016**, Annual Magazine of the Students' Association of the Dept. of CSE & IT, CIT.

Awards

- **Best Student Project, June 2016, CIT** - awarded by the **Tata Consultancy Services** for my final year project titled "VISION ASSIST : A Computer Based Vision Aid for the Blind".
- **First Prize, Project Fest, March 2015, CIT Research & Development Forum** - for the third year project "NFC and Bluetooth Enabled Hybrid Access Control System".

Publication

Paper titled "**Bluetooth and NFC Enabled Contactless Access Control System**" published online and in print with DOI in "**ScieXplore: International Journal of Research in Science**", Vol 2(1), 1-6, January-June 2015.

ISSN (Online): 2350-0999

<http://www.i-scholar.in/index.php/sijrs/article/view/80084>

Certification

March, 2013

Business English Certificate (Vantage)

Cambridge University ESOL Exam, Coimbatore, TN, India