

Raghav Ramesh

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in [raghavramesh21](#)

I build things.

Work Experience

Software Engineer

Singapore

G Element Pte. Ltd., Product

Jul 2015 - Present

- Application and front-end developer for the Product Team in G Element.
- Developed the front-end of latest version of the company's primary product NUCLEUS.

Software Consultant

Singapore

K. G. Tan & Co.

May 2014 - July 2014

- Worked directly under the Director of the company as the lead IT Engineer.
- Built a web application that assisted the Director to assess utilization of audit associates.
- Created a web interface that replaced excel for a quicker way for the Audit Manager to assign case services.

Software Engineer Intern

Singapore

99.co, Homie.co, BillPin Pte. Ltd.

May 2013 - Nov 2013

- Worked with the CTO to create a business logic library using AngularJS to reduce the overall loading time of the website. The average loading time was reduced from 14 to below 4 secs.
- Developed an analytics script to track the behaviour of users while creating a profile. The analysis helped reducing the drop off rate of users from 40% to 20%.
- Built a friendly interface for the Product Manager to address bugs in the database. The time taken was reduced from 15 minutes to less than 3 minutes.
- Developed a script to optimize the page-loading time by lazy-loading the images of the website. The script reduced the page-load time from 9 secs to less than 2 secs.

Co-Founder, Tech Lead

Singapore

Clueless

Jul 2014 - May 2015

- Co-founded a service that facilitates internship opportunities for university students.
- Created and managed sysadmin to UX of the company website.
- Created an Angular based Front-End to show internship listings to potential candidates.

Education

National University of Singapore

Singapore

August 2011 - May 2015

- Bachelor of Engineering (Honours) in Computer Engineering
- Minor in Technopreneurship

NUS Overseas Colleges

Singapore, China

iLead Entrepreneurship Programme

May 2013 - Jan 2014

- Worked full-time in a start-up and obtained insights from Founders who are serial entrepreneurs.
- Travelled overseas for a study mission to Beijing, Shanghai and Suzhou to understand the market, start-up process and culture in China.

Tech Skills

- Java, Python, C++
- Web: JavaScript, AngularJS, Flask, jQuery, CSS, HTML5, PHP
- DB: MySQL, SQLServer, MongoDB

Project Experience

Open Source

- Chennai Flood Ticker - Created and maintained a website to spread relief awareness during 2015 floods in Chennai city.
- Shapeshift - JS library for dragging DOM elements - Added two configurable attributes to the library.
- move.js - JS library for CSS animations - Added an API method requested in the issue tracker of the library.

Side projects

- SVG Card Game - Web application - written in Flask, JavaScript. A socket based real-time multiplayer card game.
- RunMapper - Web application - written in Flask, JavaScript. A social running app that lets you create and share routes with your friends and also gives you feedback after every run.
- Kwest - Web application - written in Flask, JavaScript. A social challenging application that lets users create challenges for friends and rewards for completing challenges.
- QuickMDN - Chrome, Firefox extension - written in extension API. An extension built to increase the speed of researching JavaScript syntax, quirks and API.
- Kill 9gag Feed - Chrome extension - written in Chrome extension API. An extension built to increase productivity while working.

School

- AutoComPaste - Final Year Thesis Project - written in C, C++. An image processing and OCR based project focused on improving speed of processing using parallel programming.
- Indoor Navigation for Visually Impaired - written in Python (Software component) - A software powered hardware device that uses the map of a building to guide a visually impaired person inside the building. Awarded the best project in the cohort.
- Unix Shell - written in Java - Created a shell that functions like the Unix Terminal with a small subset of commands.
- EZTask - written in Java. A Task Manager application that helps users maintain To-Do lists.
- Hypermarket System - written in C++. A CRUD enabled application that maintains stocks of a super market.
- IPL Ticket Reservation System - written in Java, MySQL. An application that enables users to view matches and book tickets across different grounds.

Co-Curricular Activities

National University of Singapore.....

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| • President, NUS Indian Dance club | 2013-2014 |
| • Player, teamNUS Cricket | 2012-2015 |
| • IT Executive, NUS Student Chapter of the ACM | 2011-2012 |

Other.....

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| • Player, Challengers United Cricket Club | 2015-Present |
| • Player, Redbacks Cricket Club | 2016-Present |