Résumé

Objective: To obtain an Internship.

Name	Singanamalla Sudheesh
Occupation	Entrepreneur, Hacker, Technology Evangelist, Researcher, Investor, Learner.
Date of Birth	21st October 1995
Gender	Male
Age	18
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Open Source Contributions.	https://github.com/sudheesh001 , https://bitbucket.org/sudheesh001

Work Experience:

S.no	Description	Work done	Year of work
1.	Microsoft Academic Accelerator Intern	Built a SMS Alert system powered by Windows Azure for alerting parents to vaccinate their children, targeted towards rural areas in India where deaths still take place due to lack of available vaccinations. HTML5,.NET,Azure,Python	2013 – Present.
2.	Mozilla Code Contributor to Mozilla Developer Network (MDN) and Web maker.	Contributions to Firefox, MDN (UX), Web Development teams, Community websites.	2013 – Present.
3.	Mozilla	Selected as Mozilla Representative and Web Mentor.	2013 – Present.
4.	Microsoft Academic Accelerator Intern	Artificial Intelligence Cloud App Dev. – Built an AI based Algorithmic calculator to crunch finance data of the stock markets and predict the next stock price.	2012-2013
5.	Web Developer and UX Designer	CloudsGreen – Money Management	2013
8.	Web Developer	Leadership and patent mining. National Innovation Council – Centre for Innovation and Incubation.	2013
13.	Web and Software Development Cell	Web Development and Network Security projects.	2012 - Present

14.	Projects at Delhi Public School - Kuwait	Developed a Point of Sale software using C++	2011
15.	Projects at Delhi Public School - Kuwait	Developed a "Tele directory" software using C++	2010
16.	Projects at Delhi Public School - Kuwait	Developed "Typing Tutor" software using C++	2010

Ongoing Projects:

S.no	Name of Company / Institution	Work	Year of work
1.	Research Project	Developing new `smart` algorithm for video and audio transmission through low bandwidth	2013
2.	Research Project	Using Phone/Mobile devices connected to cloud to warn patients before an epileptic seizure. Uses behavioral learning & Big Data	2013

Academic Qualifications:

S.no	Name of the Institution	Name of the Board	Subjects Taken		Aggregate % / CGPA	Year
1.	Indian School of Business – Hyderabad	Dual Degree Program alongside Engineering education	Technology Entrepreneurship and Management		-	2014
2.	National Institute of Technology – Warangal (NIT-W)	Deemed University.	Computer Science and Engineering (2016 batch)		8.34 CGPA	2012
3.	Fahaheel Al Watenieh Indian Public School (Delhi Public School – Kuwait)[DPSKuwait][Delhi Public School – Kuwait]	All India Secondary School Certification Examination (AISSCE) from CBSE-India	English	92/100	94%	2011-2012
			Physics	91/100		
			Mathematics	95/100		
			Chemistry	94/100		
			Computer Science	98/100		
4.	Fahaheel Al Watenieh Indian Public School (Delhi Public School – Kuwait)[DPS-Kuwait]	Central Board of Secondary Examination (CBSE) Grade 10.	English	A2	9.8 CGPA	2009-2010
			Science	A1		
			Mathematics	A1		
			French	A1		
			Social Studies	A1		

Research Projects

S.no	Topic	Subjects Concerned	Status
1.	Automatic waste segregation system	Mechanical , Chemical , Instrumentation Engineering	**2013** [Completed]
2.	Computer Vision and Easier learning for Dyslexic and Dyscalculic Students.	Neural Networks and Image processing.	**2013 [Completed] [Publication review]**
3.	Using brain impulses for remote controlling and Communication for the disabled	Electronics and Communication, Computer Science, Bio-technology.	**Pending approval.**
4.	Automated User defined Textile manufacturing unit	Mechanical, Mechatronics, Electronics, Computer Science	**2013 [Completed], Prototyping**
5.	Water table mapping	Mechanical and Computer Science, Civil Engineering.	**Pending Approval.**
6.	Changing IRCTC website to cloud using windows azure.	Computer Science & Engineering, Information Technology.	**2013 [Completed]**
7.	Early cancer detection using Mass Spectroscopy and Data Mining	Bio-Technology, Physics, Computer Science & Engineering.	**2013, developed Data mining algorithm for solving big data matrices obtained by mass spectroscopy. [Completed]**
8.	Hospital Management Systems using Cloud Computing	Computer Science & Engineering, Information Technology.	**2013 [Winner B-Fest IIM-Ahmedabad Confluence 2012]**
9.	DNA Level data storage and cryptography.	Computer Science & Engineering.	**2013**
10.	Business Paper: **Entrepreneurship – Easier for the Illiterate?**	Entrepreneurship, Reality.	**2013 [Winner- B-Fest NIT-Warangal Cura 2013]**
11.	Artificial Intelligence and Genetic Algorithms in Finance Market Predictions. DOW, NASDAQ Markets.	Computer Science	**2013**
12.	Developing a system to grant existing university e-library system to auto-index research papers and grant access for downloads from the existing INDEST system provided by MHRD Govt. of India to ADC Direct Control protocol for making the files available through DC++ to students and researchers sitting in a room.	Computer Science.	**2013 [Completed]** **Currently being used by 2000+ students everyday and serving 2TB of network traffic every day.**

Upcoming Keynote Speaker locations

S.no	Company	Talk	Location	Year
1.	Mozilla	Hacking the language barrier – The importance of Localization to an open web with Machine Learning	Johannesburg, South Africa	2014

Keynote Speaker / Workshops delivered

S.no	Name of the Company organizing	Topic of the talk	Location	Year
1.	Mozilla	Web security, Javascript and Internet technologies	Mumbai. (IIT- Bombay)	2013
2.	Google	Node.js / AngularJS and Dart. Front end MVCs	Warangal (NIT – Warangal)	2014
3.	Honey Bee Network	Entrepreneurship and Research	Hyderabad	2013
4.	Microsoft	Cloud Application Development	Warangal	2013
5.	Xamarin	X Platform phone applications	Warangal	2014
6.	Mozilla	Developing Firefox OS Applications	Hyderabad	2013
7.	Mozilla	Machine learning the language on the web	Santa Clara, California	2013
8.	Fedora	The flexibility of Linux	Hyderabad	2013
9.	Mozilla	Developer Evangelism	Vishkhapatnam	2013
10.	Mozilla	Coding onto the Firefox browser. Introducing OdinMonkey (ASM.js)	Hyderabad, Warangal	2013

Achievements:

1. Runner up, AngelHack Hyderabad 2013.
2. Winner of Microsoft Code.Fun.Do, Academic Accelerator program 2013-2014.
3. Certificate of completion in "Data Analysis and Analytics", Bioinformatics course taught by Prof. Jeff Leek, John Hopkins University, Bloomberg school of public health. Coursera.
4. Completed "Coding the Matrix" course in Image processing using Python taught by Prof. Philip Klein, Brown University. Coursera.
5. Certificate of completion in "Startup Engineering" taught by Prof. Balaji .S. Srinivasan, Stanford University. Coursera.
6. Worldwide finalist for Intel Perceptual Computing 2013.
7. Winner of Yahoo! Hack | Hyderabad 2013 – Hackers Choice Award.
8. Top Coder Award for Microsoft Code.Fun.Do Academic Accelerator Program 2012-2013
9. Selected as finalist for Microsoft sponsored Edukinect – Yappon India's Largest Youth Hackathon.
10. Selected to India national finals of Microsoft Imagine Cup Russia 2013 on Windows Azure Category.
11. Obtained 'High Distinction' in 'Theoretical Computer Science' from Universitat Jena, Germany and secured 90.6% overall.

12. Won the 2nd place for "Cloud Computing for Hospital Management Software" at Indian Institute of Management – Ahmedabad, "Confluence 2012, Changing winds | new paradigms for leadership" for the event **Synergy** sponsored by L&T.

13. Selected as a Finalist for the event "Bizquizzitive" held by Indian Institute of Management – Ahmedabad, "Confluence 2012, Changing winds | new paradigms for leadership", event sponsored by "The Hindu".

14. Selected to the National Finals of Microsoft Code.Fun.Do and the only student team to make a windows azure cloud computing application.

15. Obtained 'Highest Distinction' for 'Artificial Intelligence' from Udacity, Stanford University, taken by Prof.Sebastian Thrun and Peter Norvig and secured 96.6% in the subject with a 100% in Machine Learning

16. Obtained 'Highest Distinction' for 'Algorithms: Crunching Social Networks' from Udacity, Rutgers University, taken by Prof. Michael L. Littman; Professor at Rutgers University.

17. Obtained 'High Distinction' for Statistics and Probability, from Udacity, Stanford University, taken by Professor Sebastian Thrun, Professor at Stanford University.

18. Winner of National Social Innovation during Technozion 2012 at NIT-Warangal.

19. Semifinalist for National Programming League, held during Technozion 2012 at NIT-Warangal.

20. Obtained 'Highest Distinction' in 'Building a search engine' from Udacity, by Professor David Evans, University of Virgina.

21. Obtained 'Accomplishment' for 'Applied Cryptography: Science of Secrets' from Udacity, University of   Virginia, taken by Prof. David Evans.

Computer Skills:

- Ability to program in the following programming and scripting languages :

  ○ C ○ C++ ○ JavaScript ○ HTML5 ○ Python ○ Ruby ○ CSS ○ C# ○ PHP

  Frameworks

  AngularJS, Django, Flask, Ruby on Rails, CodeIgniter, Zend, Qt, Meteor, Backbone

- Knowledge of SQL, Azure SQL, Cloud Mobile services, databases and Networking, Ubuntu JuJu cloud, AWS S3 Service, Distributed Version Control Software, tools like Git, Mercurial, SVN, TFS