VENKATESWARAN S

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An accomplished lead and developer in the field of distributed computing, which is used by 100+ million people. Recently, I was also working on a Custom Keyboard to protect the right to privacy. I have redesigned services at Viki to support its huge fan base. I am looking for a senior position to expand my knowledge developing advanced solutions.

PROJECTS SUMMARY

CIPHERBOARD PTE LTD
Singapore, SG

HEAD OF ENGINEERING — From Jul. 2015

- Lead the team to develop a custom keyboard to provide end to end encryption. This mechanism provides authentication, deniability and forward secrecy. It also enables payment to a friend while browsing on the web or having a conversation inside your favourite messenger.

VIKI PTE LTD
Singapore, SG

SOFTWARE ENGINEER — From Dec. 2015

- Redesigning the architecture at Viki to improve consistency and to become scalable. This helps its users to communicate socially and actively contribute back to the community. I am part of the platform team consisting of 5 people who are responsible for the backend APIs. I have designed and developed services like reviews, ratings, watch markers, search and recommendations

FASTACASH PTE LTD
Singapore, SG

ENGINEERING LEAD — From Jul. 2014

- Designed and managed the team at Fastacash in developing RESTful APIs. It helps end users to transfer money through their preferred choice of social network. The product is now a vital component of large financial systems across the globe including Axis, Techcom Bank, Oxigen and DBS.

SENIOR SOFTWARE DEVELOPER — Apr 2013 - Apr 2014

- Created open APIs for banks, mobile operators and payment gateways to socialise their payment services. Fastacash is a small team consisting of four developers trying to move money socially and instantly.

VEVEO (I) PVT LTD   Bangalore, IN

TECHNICAL LEAD   Aug. 2012 - Mar. 2013

- Developed <u>Voice and Natural language-based, conversational interface</u> for video search. Existing Veveo's predictive search touches approximately 50 million houses in US through its customers including Comcast, Cablevision, Rogers and DirecTV. I lead a small team of two in creating a search engine and to learn users preferences over time.

SENIOR MEMBER OF TECHNICAL STAFF   Oct. 2011 - Jul. 2012

- Designed and Developed <u>Universal Smart Search</u> for Smart phones. 100 million+ people on their android and Nokia devices use the application. I was one in a small team that created the device search engine.

PUBLICATIONS

- *Semantic File Retrieval*, HiPC`06 (IEEE-ACM) Poster Session Dec 2006, Bangalore, IN
- *A Semantic approach to File Systems* - HiPAAC`07 Paper presentation July 2007, Bangalore, IN

TECHNICAL SUMMARY

- Expertise in Ruby, Python, Bash, C.
- Strong in AWS, Node Js, Go, Network Programming
- Very knowledgeable with tools such as Docker, Postgres and Redis.
- Worked on Android, iOS programming, Hadoop.
- Well conversed with source bases of Mozilla, GNOME Ldtp.

HOBBY PROJECTS

- CIPHER BOARD   RUBY, SWIFT
  A secure keyboard to support most frequent tasks. http://www.cipherboard.com/

- ATOMIC   *Android*
  An addictive game inspired from kde-games.

- EVOLUTION-2.6 - MAIL SERVER TEST AUTOMATION FRAMEWORK   *LDTP*
  The Automation tool used for testing new evolution build. I am an active team member of the GNOME's Ldtp community. (http://ldtp.freedesktop.org/wiki/TeamMembers)

EDUCATION

- *B.E, Computer Science and Engineering From College of Engineering, Guindy, Chennai,* India. (2003 – 2007)
- *H.Sc. Computer Science* from TVS Lakshmi School, Madurai, India with an overall state rank of 144. (2002 – 2003)