Sushant Raikar

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EDUCATION

UNIVERSITY OF WATERLOO
MMath in Computer Science
Sep 2017 - Present | Waterloo, ON
Cumulative Percentage | 95.5%
TA | Introduction to Computer Science
Courses |
Advanced Distributed Systems•
Software Engineering in Ultra Large
Repositories•
Software Defined Networking •

NIT GOA
BTech in Computer Science
Jun 2011 - May 2015 | Goa, IN
Department Rank #3
Cum. GPA: 8.9 / 10

LINKS

Github:// **HotSushi**
LinkedIn:// **sushantraikar**
YouTube:// **sushantsraikar**
Blogspot:// **sushantprojects**

SKILLS

PROGRAMMING
Java 8• Python • Ruby • C++ • Elixir •
Erlang • Javascript
Spring• Guice • Web2py • Rails • Phoenix
PostgresDB• CouchDB • Elasticsearch •
Redis
Git • Phabricator
Resque • RabbitMQ
XMPP • MQTT
Logstash • Kibana

PERSONAL PROJECTS

•SushiFS: my own filesystem
•BTech Thesis: Depth perceiving
robot
•Mozilla Firefox: Automatic triaging of
bugs
•Android as a steering wheel
•Gesture Controlled Mouse
•Remote Control; Android App

EXPERIENCE

DIRECTI | Backend Engineer
Sep 2016 – Aug 2017 | Mumbai, IN
- Collaborated with front-end team to design a Spring back-end server which allowed users to open Savings Account within 5 minutes on their phone.
- Programmed an easy-to-use interface over Luna Hardware Security Module.
- Coded a standalone service that can generate Visa/ MasterCard/ Rupay cards with extremely sensitive data such as PIN, CVV and securely transmit it to printing vendors.

HOUSING.COM | Backend Engineer
Jun 2015 – Jul 2016 | Mumbai, IN
- Reduced company expenses by coding a Rails server with Postgres db to identify stale listings.
- Fortified Elixir based chat server by adapting to functional programming paradigms and MQTT based messaging broker.
- Researched and developed novel logging mechanism with ELK stack for generally lacking Elixir framework Phoenix.

IP-OVER-P2P | Open Source Developer
May 2015 – Sep 2015 | Google Summer Of Code 15
- Improved ease-of-use by designing a server in Web2Py to remotely monitor and control VPN-participating nodes.
- Programmed a PyQT client to zombify nodes to be controlled by server through XMPP communication.

LYX | Open Source Developer
May 2014 – Sep 2014 | Google Summer Of Code 14
- Analysed different document sharing tools such as GDocs, Codeshare etc.
- Developed unorthodox peer-to-peer document sharing technique designed to work with off-the-shelf XMPP servers.
- Examined and solved perplexing collision cases.

AWARDS

GOOGLE CLOUD DEVELOPER CHALLENGE 13 | Finalist
Developed 'Project Scholar', a project management social networking site to find peers, mentors, projects. The project was amongst top 8 finalists in India.

INTEL APP INNOVATION CONTEST 13 | Most Innovative Project
Programmed '3Do-Nomic camera', an app to click 360 degrees panoramas with the help of inbuilt sensors. The project was selected for being most innovative.

GOOGLE APAC 14 | Competitive Coder
Achieved meritorious results in a series of algorithm questions that had to be solved in a time-constrained environment.