



Jaikrishnan Jaisankar

R & D ENGINEER ·

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“BREAK. LEARN. EXPLORE. CREATE. INNOVATE. EVOLVE. ITERATE.”

Summary

Current Software Architect at start-up company Omnious. 7+ years experience specializing in the backend development, infrastructure automation, and computer hacking/security. Super nerd who loves Vim, Linux and OS X and enjoys to customize all of the development environment. Interested in devising a better problem-solving method for challenging tasks, and learning new technologies and tools if the need arises.

Work Experience

SunMobility Pvt Limited

R & D ENGINEER

Bengaluru, India

Sep. 2017 - PRESENT

- Developed System Design and Architecture for India's first Battery Swap Station.
- Contributed in Software for the Swap-station
- Contributed in the India's first Swappable battery eco-system standards
- Failure analysis and Prevention
- Safety and Security
- Swappable Battery architecture and Data-Logger
- Contributed in Robotic Swappable Battery station for Bus
- Actively contributed to all stages including POC, ALPHA, BETA and the First Production Version

Honors & Awards

INTERNATIONAL

2016 **Fully Funded Internship by DAAD-Germany**, at Bosch and ABB

Germany

DOMESTIC

2015 **Winner**, NASSCOM STARTUP 20-20 2015

India

2016 **Student Partner**, Microsoft

Kerala, India

2016 **Campus Ambassador**, Dell

Kerala, India

Presentation

Brahma, a National Level inter college Technical and Cultural Festival

India

ORGANIZER

2017

6th CodeEngn (Reverse Engineering Conference)

Seoul, S.Korea

PRESENTER FOR <DEFCON 20TH : THE WAY TO GO TO LAS VEGAS>

Jul. 2012

- Introduced CTF(Capture the Flag) hacking competition and advanced techniques and strategy for CTF

Writing

A Guide for Developers in Start-up

Facebook Page

FOUNDER & WRITER

Jan. 2015 - PRESENT

- Drafted daily news for developers in Korea about IT technologies, issues about start-up.

Education

MG University(Adi Shankara Institute of Engineering and Technology)

B.TECH IN ELECTRONICS AND COMMUNICATION ENGINEERING

- CTO , Startup Incubator funded my KSUM
- Member , IEEE
- Project , Electric bike with Dual-wheel drive using Hub-Motor
- Internship at Keltron India and Bosch Germany

Kerala, India

May. 2013 - Jul. 2017