KARTIK **Sirwani**

BACKEND DEVELOPER ·

A1, Westend Apartments, Kavuri Hills Phase 1, Hyderabad, Telangana, 500081, India

(+91) 7877190455 | ✉ kartiksirwani@gmail.com | 🏠 about.me/kartiksirwani | ⊙ kartikwar | ⬛ kartik-sirwani-512716a8/

"Be the change that you want to see in the world."

Summary

Current Backend Developer in start-up company Nowfloats. 2 years experience specializing in backend/infrastructure, web development . Super nerd who loves Python, Linux and Node Js and enjoys to customize all of the development environment. Apart from this interested in applying data science and machine learning to new emerging world problems.

Work Experience

Nowfloats   *Hyderabad*

BACKEND DEVELOPER   *June 2016 - PRESENT*

- Lead developer on WMT. A tool which gives all the functions provided in adwords and facebook ad manager for running inorganic ads for merchants. Developed all the REST Apis, Architecture Dashboard and Micro Services. Technologies Ued : C#, .Net, IIS, EC2, MongoDb, Rest Api, Javascript, HTML5, Bootstrap,Python
- One of the lead developers of NFX. This api project syncs merchant updates across different channels like facebook, linkedin, twitter, quickr andalso gives analytics for those updates made. Made REST APIs ,services and cron jobs. Technologies Used : NodeJs, Sails, Express, MongoDb, Route 53, EC2, Ubuntu, Nginx, PM2, SQS
- Won the 2nd prize in final evaluation.

ShitOne Corp. (Start-up company)   *Seoul, S.Korea*

SOFTWARE ENGINEER   *Dec. 2011 - Feb. 2012*

- Developed a proxy drive smartphone application which connects proxy driver and customer.
- Implemented overall Android application logic and wrote API server for community service, along with lead engineer who designed bidding protocol on raw socket and implemented API server for bidding.

SAMSUNG Electronics   *S.Korea*

FREELANCE PENETRATION TESTER   *Sep. 2013, Mar. 2011 - Oct. 2011*

- Conducted penetration testing on SAMSUNG KNOX, which is solution for enterprise mobile security.
- Conducted penetration testing on SAMSUNG Smart TV.

Honors & Awards

INTERNATIONAL

2017	**Finalist**, DEFCON 25th CTF Hacking Competition World Final	*Las Vegas, U.S.A*
2014	**Finalist**, DEFCON 22nd CTF Hacking Competition World Final	*Las Vegas, U.S.A*
2013	**Finalist**, DEFCON 21st CTF Hacking Competition World Final	*Las Vegas, U.S.A*
2011	**Finalist**, DEFCON 19th CTF Hacking Competition World Final	*Las Vegas, U.S.A*
2012	**6th Place**, SECUINSIDE Hacking Competition World Final	*Seoul, S.Korea*

DOMESTIC

2015	**3rd Place**, WITHCON Hacking Competition Final	*Seoul, S.Korea*
2013	**Silver Prize**, KISA HDCON Hacking Competition Final	*Seoul, S.Korea*

Presentation

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.

AhnLab   *S.Korea*

UNDERGRADUATE STUDENT REPORTER   *Oct. 2012 - Jul. 2013*

- Drafted reports about IT trends and Security issues on AhnLab Company magazine.

Program Committees

2016	**Problem Writer**, 2016 CODEGATE Hacking Competition World Final	*S.Korea*
2013	**Organizer & Co-director**, 1st POSTECH Hackathon	*S.Korea*

Education

POSTECH(Pohang University of Science and Technology)   *Pohang, S.Korea*

B.S. IN COMPUTER SCIENCE AND ENGINEERING   *Mar. 2010 - Aug. 2017*

- Got a Chun Shin-Il Scholarship which is given to promising students in CSE Dept.

Extracurricular Activity

PoApper (Developers' Network of POSTECH)   *Pohang, S.Korea*

CORE MEMBER & PRESIDENT AT 2013   *Jun. 2010 - Jun. 2017*

- Reformed the society focusing on software engineering and building network on and off campus.
- Proposed various marketing and network activities to raise awareness.

PLUS (Laboratory for UNIX Security in POSTECH)   *Pohang, S.Korea*

MEMBER   *Sep. 2010 - Oct. 2011*

- Gained expertise in hacking & security areas, especially about internal of operating system based on UNIX and several exploit techniques.
- Participated on several hacking competition and won a good award.
- Conducted periodic security checks on overall IT system as a member of POSTECH CERT.
- Conducted penetration testing commissioned by national agency and corporation.