

# SYED JUNAID AHMED

MECHANICAL ENGINEER · FAB EXPERT ,MAKER,TECH EVANGELIST

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*“Make the change that you want to see in the world.”*

*Syed is FABLAB Experienced Professional who is passionate about exploring technologies and innovation and a strong leader who believes in Systems Thinking.Highly efficient in growing and maintaining engaged communities to enable collaborative learning.Leverages exemplary communication and in-person meetings to establish presence and capable of building strong Communities(Makers,StartUp)Takes initiative to be a leader, Able to work in unsupervised and team environment.*

## Education

### VISHNU INSTITUTE OF TECHNOLOGY,BHIMAVARAM,A.P

62.78%

MASTER OF TECHNOLOGY IN ADVANCED MANUFACTURING SYSTEMS

Aug. 2017 - PRESENT

- Project work pending

### FABLAB KERALA,TRIVANDRUM,KERALA

Graduated

DIPLOMA IN PRINCIPLES AND APPLICATIONS OF DIGITAL FABRICATION

Jan. 2017 - Jul. 2017

- Developed a Fab Data Glass as part of the Program

### VSM COLLEGE ENGINEERING,RAMACHANDRAPURAM ,A.P

64.91%

BACHELOR OF TECHNOLOGY IN MECHANICAL ENGINEERING

Aug. 2012 - Jul. 2017

- Designed and Developed a 3D Printer Prototype
- Implemented prototype was used in the Research and Consultancy Center.

### G.R.C JUNIOR COLLEGE,RAMACHANDRAPURAM,A.P

87.4%

SPECIALIZING IN MATHEMATICS PHYSICS AND CHEMISTRY

Jul. 2010 - Jun. 2012

- Selected for DST-SEATS-INSPIRE PROGRAM INTERNSHIP SCIENCE CAMP
- Won Young Scientist Award,District Level 19th National Children's Science Congress.

### SmtG.M.D MODERN HIGH SCHOOL,RAMACHANDRAPURAM,A.P

86.16%

SPECIALIZING IN MATHEMATICS AND SCIENCE.

Jul. 2009 - Mar. 2010

- Won Jana vignana vedika(A.P) District Level Chekumuki Science Talent Test.

## Experience

### INNOVATION VALLEY(AP INNOVATION SOCIETY)

Visakhapatnam

INTERN AT INVESTMENTS AND COMMUNITY DEVELOPMENT

Jan. 2019 - Present

- To provide professional counseling to ideation Startups and engaging the startup community with different activities.
- Conducting Startup onboarding Events and Webinars.
- Program Manager for the Wadhvani Venture FasTrack Acceleration Program.

### Makers Library

Bhimavaram

FABLAB MANAGER

Aug. 2017 - Jul. 2018

- Paper work related to getting approval for Fablab and classification of Tools and Machinery for Purchase.
- Idea behind Makers Library to setup APs First FABLAB to bring the Fab community into Rural area.
- supporting makers and innovators to bring their ideas to reality.

### VSM Research and Consultancy Center

Ramachandrapuram

RESEARCH ASSISTANT

Jan. 2016 - Dec. 2016

- Provide professional consulting services to students and Faculty.
- Develop,maintain and teach courses ,support and supervise internships and research work.
- Management of Laboratory Equipment Asset Inventory.

## Hackster.io USA

LIVE AMBASSADOR

- Hackster Ambassadors run live events that benefit local communities of Hardware and Software Developers.
- Conducted workshops on Amazon Alexa Skill Building, Microsoft Azure IoT Platform, NXP Freedom Boards.

Andhra Pradesh

Jul. 2015 - Jun. 2017

## Makers Hive

FOUNDER

- I started a Small Makerspace at my home to build customized projects and Promoting DIY (Do it Yourself) projects among student Community.
- Trained students to build their projects and understand how to make an idea to reality.

Ramachandrapuram

Dec. 2013 - Feb. 2015

## Extracurricular Activity

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### IEEE

GRADUATE STUDENT MEMBER-VIZAG BAY SUBSECTION

- IEEE Computer Society Member.
- IEEE Education Society Member.
- IEEE Robotics and Automation Society Member.
- IEEE Technology and Engineering Management Society Member.
- Life Sciences Community, IEEE.
- Internet of Things Community, IEEE.

Member number: 92553561

Jan. 2015 - Present

### PLUS (Laboratory for UNIX Security in POSTECH)

MEMBER

- 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.

Pohang, S.Korea

Sep. 2010 - Oct. 2011

### MSSA (Management Strategy Club of POSTECH)

MEMBER

- Gained knowledge about several business field like Management, Strategy, Financial and marketing from group study.
- Gained expertise in business strategy areas and insight for various industry from weekly industry analysis session.

Pohang, S.Korea

Sep. 2013 - PRESENT

## Honors & Awards

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### INTERNATIONAL

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

### DOMESTIC

2015	<b>3rd Place</b> , WITHCON Hacking Competition Final	Seoul, S.Korea
2013	<b>Silver Prize</b> , KISA HDCON Hacking Competition Final	Seoul, S.Korea

## Presentation

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### 6th CodeEngn (Reverse Engineering Conference)

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

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

Seoul, S.Korea

Jul. 2012