

# Kaushik Neelichetty

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## Education

SRM University  
B Tech in IT  
Completed May 2017  
CGPA - 9.89/10

## Mentoring

**Organizer**, IoT Alliance (iotalliance.in)  
**Technical Organizer**, IT Association  
**Teacher**, TechBudds, Initiating Fusion

## Awards

Recipient of the **Shri Dewang Mehta Excellence Award – 2017** awarded by NASSCOM and SRM University on 22nd March 2017.  
Recipient of the **University Merit Scholarship**

## Links

kaushikneelichetty6132@gmail.com  
LinkedIn://KaushikNeelichetty  
GitHub://KaushikNeelichetty  
YouTube://Kaushik575  
Twitter://@kaushikneel  
IoT Alliance [www.iotalliance.in]

## Skills

**Programming** - Embedded C, Python, C, C++, Java, Shell, JavaScript, CSS, PHP, Assembly, Matlab, R  
**Open Architecture** - Arduino, Raspberry Pi, Intel Galileo, Spark Core  
**Big Data** - Hadoop  
**DBMS** - MySQL, MariaDB  
**Computer Networks**

## Areas Of Interest

Internet Of Things  
Embedded Systems  
Programming  
Data Science and Big Data  
Analytics

## Publications

- June 2017 **Design and implementation of a service based testbed and working platform for the Internet of Things**  
Paper submitted for the PICom2017 conference.
- April 2017 **IoT Sensor Data as a Service: A new approach**  
Paper submitted for publication in JCOMSS, a SCOPUS indexed journal.
- 24 Feb 2017 **Building Automation and Energy Control using IOT- Smart Campus**  
Oral presentation at the ICCCT'17 conference.
- June 2017 **Building Automation and Context Aware Energy Consumption Using IoT - Smart Campus**  
Paper submitted for publication in IJAER, a SCOPUS indexed journal.
- June 2017 **Smart Garage**  
Paper submitted for the ICECDS 2017 conference.

## Workshops

- Speaker** at a workshop "Resonate 2.0: IoT" conducted by IoT Alliance, in collaboration with Pinnacle on September 17, 2016.
- Speaker** at a workshop on Internet of Things conducted by IoT Alliance at "Domain Academics" event of Aaruush'16 held in the month of August 2016.
- Resource Person** for a workshop titled "Internet of Things" conducted by Gnanamani College of Engineering, Namakkal held on 3rd September 2015.
- Attended the "Global Initiative of Academic Networks (GIAN)" course on "Internet of Things (IoT) Security: Issues, Innovations and Interplays" organized by IIT Patna during 12th to 16th December 2016.

## Projects

- Design and implementation of a **IoT Testbed and Development Environment**. [Undergraduate Major Project].
- Anti-theft device** for CCTV cameras based on Arduino Uno and Raspberry Pi. This project was funded by the Director (E&T), SRM University.
- An **IOT based Weather Station** with Raspberry Pi.
- Developed a **cloud data logger** with Raspberry Pi and Arduino Uno.
- Developed a **temperature based SMS alert** system with Arduino Uno.
- Implemented a four node **cluster supercomputer** with Raspberry Pi.

## Internship

- May 2015 **Department of IT, SRM University** Intern  
*Internet of Things and Embedded Systems Programming*
- June 2016 **Department of IT, SRM University** Trainer  
*Internet of Things and Embedded Systems Programming*