

Kaushik Neelichetty

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Education

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

Mentoring

Organizer, 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

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