Kaushik Neelichetty

KaushikNeelichetty.github.io | kaushikneelichetty6132@gmail.com | +91-9789090062

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

Mentoring
Organizer, IoTA(iotalliance.in)
Tehnical Organizer, IT Association [2015-2016]
Teacher, TechBudds, Initiating Fusion [2014-2015]

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

Skills
Programming - Embedded C, Python, C, C++, Java, Shell, JavaScript, HTML, PHP
Open Architecture - Arduino, Raspberry Pi
Cloud Visualization ThingSpeak, Ubidots
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** *Internet of Things and Embedded Systems Programming*	Intern
June 2016	**Department of IT, SRM University** *Internet of Things and Embedded Systems Programming*	Trainer