

Mohammad Nabeel Siddiqui SDE-II @ SAP March 13, 1991 Last update on June 22, 2017

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Summary

Creative geek with roots in the Internet of Things development, an entrepreneurial mindset and a passion for delivering value by developing maintainable software.

Nabeel Siddiqui is an emerging player in the leading software product development company. His experience includes working as a Research Associate in Department of Computer Science at M.S. Ramaiah Institute of Technology, Bangalore and as a Software Developer at SAP Labs Research and Development Center, Bangalore. Nabeel received his Bachelor of Engineering in Computer Science from M.S. Ramaiah Institute of Technology. As a student in college he worked on projects involving interoperability between software and hardware. During his final year he invented- A system and method to monitor real time predictions in weather conditions using sensor integrated cloud based internet of things (IoT) with a generic web based API

(Application Programming Interface). Nabeel is a frequent contributor in various technical conferences. His paper titled ParaSense - A Sensor Integrated Internet of things Prototype for Real Time Monitoring Applications got accepted by IEEE Technical Symposium. He showcased his invention at the finale of a national event **Innovation Jockey** to an audience of vastly experienced professionals and entrepreneurs from all over India. Nabeel was honored with **Gold Medal** and the title of **Application Developer** by Association of Computer Science. He also won the **Best Project Award** in college for his end to end solution for cross platform weather nowcasting application KGSAN. Nabeel belongs to a small town named Allahabad in India. He moved to Bangalore to pursue his career in the field of computer science and his keen interest in Internet of Things motivated him to contribute in Cyber Physical System under the guidance of his guru and mentor Dr.K.G.Srinivasa.

Experience

SAP Labs India

Software Development Engineer II

BANGALORE, INDIA

Sep '14 – present

Currently Working on SAP Ui5 Suite Page Builder and CRM Mobile Platform Email Integration. Worked on products like Sybase ASE database played key role in overseeing major database migrations as well as Ui5 gamification development project for SAP Labs Bangalore.

Honoured with Annual Award "Excellence @ Innovation" by SAP. Piloted Different Projects Within SAP Labs. Won the Best Application Award for an IoT based Crowd Control Solution. Track Lead for IoT Security Innovation in SAP Labs

Tech Mahindra

Software Development Intern

BANGALORE, INDIA

Jul '13 – Aug '13

Role :- Java Front End Developer

Responsibility :- To build a Support End Portal for DHL Employees using Java, SpringSource Framework and Maven

Status : - Deployed Successfully

M.S. Ramaiah Institute of Technology

BANGALORE, INDIA

Research Associate

Jan '14 – present

Served as a Research Associate at the M.S. Ramaiah's DRDO's funded Research lab. Invented and patented an engineering principal for measuring real time weather parameters in the field of Internet of Things

M.S. Ramaiah Institute of Technology

BANGALORE, INDIA

Guest Lecturer

Presented a talk on my innovation for the M.Tech and B.Tech students

Please refer to my [Linked-in profile](#) for a more complete list of work experiences along with recommendations.

Education

M.S. Ramaiah Institute of Technology

BANGALORE, INDIA

Bachelor degree in Computer Science & Engineering

2010 – 2014

St. Joseph's College

ALLAHABAD, INDIA

(pre-university secondary education)

2008 – 2009

Skills

Technical expertise: Software design and implementation, with(in) a team. Solid knowledge of Internet of Things and have command on useful languages: JAVA, C++, Ui5, Javascript.

Natural languages: Hindi (*mother tongue*), English (*full professional proficiency*), Urdu (*limited working proficiency*).

Awards

Best Project Award

Received the Best Project Award at the M S Ramaiah Institute of Technology for showcasing my end to end weather monitoring application.

Best Application Developer

Received the Best Application Developer Award by the Association of Computer Engineers, MSRIT Bangalore.

Best Application

Received the Best Application Award by the SAP's Development University , Germany.

Best UI and Creativity

Received the Best UI and Creativity at the Global Level hackathon, Kickapp Cup organized by SAP, Germany.

Leader in Innovation

Received Leader at Innovation award at SAP Labs India Annual RnR ceremony.

Finalist

Finalist of Yahoo-Accenture Innovation Jockey – Annual National level competition with more than 1500 entries from all over India. Presented my Innovation KGSAN at the National podium

Certifications

HP Certification

ALLAHABAD, INDIA

HP Certified Android Developer

Jul '12

Attended Summer training programme in Android Application development organized by Hewlett-Packard, India in association with Indian Institute Of Information Technology, Allahabad. Excelled in the certification test conducted by HP securing 2nd rank in North Zone and A+ Accreditation in the overall programme.

EMC Academic Associate, Information Storage and Management

BANGALORE, INDIA

EMC, License TMGW090SMNRESC97

Feb '14

IBM Certified Associate Developer – Rational Application Developer for WebSphere Software V6.0

BANGALORE, INDIA

IBM

Oct '13

Projects

Weather Nowcasting Mobile Application by creating Wireless Sensor Network for Real Time Data

General Description

Weather forecasting is a technology used to predict the atmospheric state for a future time for a given location. Weather forecasts are made by collecting quantitative data about the current state of the atmosphere and using scientific understanding of atmospheric processes to project how the atmosphere will evolve. Technology present today by various online applications presents a mere mathematical prediction and is not as accurate as needed by applications that need the real time statistics where the timeframe will be nearly zero seconds. Using high end sensors like MTS400 we have developed application that provides Real time data of a particular location

SYT (SaveYourTime)

General Description

This app is all about saving your time . We have created an application to know the live status of traffic at foodcourt of SAP Bangalore location. The main aim is to let people make informed decision at a particular time in choosing a foodcourt. This will save your time as you will know in advance which food court has the availability for you and your friends. The app will have the option to let you know which food is available in which food court if suppose you are interested in one main course special dish. The App gives you the option of booking a table if there is a Team Lunch. We are providing a weekly graphical analysis which will predict the best time to eat at a particular foodcourt based on historic data

HooP

General Description

HooP is the confluence of Hope and Prosperity. The App is designed and developed keeping in mind the socially challenged kids and gamifying the process of engaging them in a sports activity. This App will motivate the children to participate in games and in turn would inculcate an environment of team building activities. As a talent hunt platform this application would serve the purpose of pitching extraordinary talented kids to leaders in the industry.

Publications and Patents

ParaSense - A Sensor Integrated Internet of things Prototype for Real Time Monitoring Applications
BANGALORE, INDIA

IEEE Region 10 - Asia-Pacific Level - International Conference

May '14

A system and method to monitor real time predictions in weather conditions using sensor integrated cloud based internet of things (IoT) with a generic web based API (Application Programming Interface)

BANGALORE,

INDIA

Indian Patent 2271/CHE/2014

may '14 – present

Cyber Physical System- A book on Internet of Things

US

Co-Author

Dec '14 – present

Co Authored Chapters on Sensor Networks and Smart System Design. My innovation was cited as the motivating example in the field of wireless sensing

NoSQL: Database for Storage and Retrieval of Data in Cloud

US

Co-Author

Sept '16 – present

Co-Authored NoSQL chapters including databases like MongoDB, PostgreSQL

NoSQL, Cloud Agile Assimilation: A Decision Guidance Handbook

GERMANY

Author

Jan '17 – present

Authored a book on NoSQL Data Storage, Cloud Computing Agile Development

Microsense: Sensor Framework for IoT System-on-Chip

US

Author

Dec '16 – present

Authored a journal Sensor Framework for IoT System-on-Chip

Interests

Not in a particular order: innovation, music, open source, philosophy, software engineering, travel, writing, swimming, water polo