Nabeel Siddiqui

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Summary

A **Product Manager** who can code, thinks big and never settles. I have **5 years of experience** in the Internet of Things and Full-Stack development, an entrepreneurial mindset and a passion for delivering value by designing and managing maintainable softwares.

*Nabeel Siddiqui is a Master of Engineering Management Candidate at Duke University. He is **specializing in Product Management**. Nabeel has a rich experience of **5 years** at SAP's **Innovation, Research, and Development division**. He was part of the Predictive Engineering Insights team and they developed a solution to make **Wind Turbines Smarter** using advanced software technology principles. Nabeel has also worked in the **development and strategy team** to develop Suite Page Builder (A workflow dashboard for C-Suite Executives and HRs) with a live user base of 500,000 at SAP. He led a team in technical capacity and catered to **high-value clients** across the globe. Nabeel strongly believes in **Building bridges, not silos**.*

Skills

Business Skills: Feature Prioritization, Pricing Strategy, Managing Product Release, User Experience

Technical Skills: JavaScript, SAP UI5, Python, SDLC, IoT, Machine Learning, Data Science, Java, AWS, GCP

Education

Duke University   Durham, United States
    Master of Engineering Management, Specialization in Product Management   Jul '19 – Present
        Graduate Coursework: *Product Management, Competitive Strategy, Finance and Marketing*

VTU   Bangalore, India
    Bachelor of Engineering in Computer Science & Engineering (GPA: 3.73/4)   Sep '10 – Jun '14

Experience

The Calla Project @ Duke University   Durham, United States
    Product Manager   Sep '19 – Present

- ***Product Management - Prioritize features*** for platform functions based on specific release deadlines, ***Planning*** of Trello work items for future features aligning with the vision of the platform, documenting progress of development activities, incorporation of agile methodologies by recurring status updates and introducing iterative improvements, translate the creative vision of the Calla team to web platform results, Setting Performance metric for Calla Platform.
- ***User Engagement*** data analysis, strategy, feedback incorporation and optimization
- ***UX Design and Development*** for Calla to best convey the ***User Story*** using mock up tools aligned with UI development framework.
- The solution requires building up ***trust*** and increasing ***customer engagement*** to the real life invention.
- ***Communicating*** with the team to ***motivate them*** regularly to adhere to the Vision of Calla and developing ***customer centric solutions***

SAP   Bangalore, India
    Product Development Engineer II   May '18 – July '19

- ***Strategized and Developed*** Predictive Engineering Insights (PEI) (Visual time-series asset monitoring system) to help Industries ***gain operational efficiency*** using digital twin by conceptualizing the SAP core Simulation as a Service for PEI which ***earned contracts worth 20 million*** Dollars in less than a year to deliver a finished product integrated with SAP ERP Product line. ***Clients in US, Europe, Middle-East Asia.***
- ***Invented solutions*** to channelize SAP's Industry 4.0 revolution ***meeting the yearly innovation targets***
- ***Designed and Developed ACDs*** (Architectural Context Diagram) for new customer specific releases which ***improved the technical processes*** and provided a roadmap for developers.
- ***Responsible for signs-offs*** on ***customer-centric UX and Product Documentation*** to deliver User Stories on schedule thereby prioritizing ***quality, ownership and accountability.***

- *Designed Sprint Kickoff* by visiting Customer locations for Design Thinking Workshops to brainstorm on customer requirements, conducted user interviews for **persona segmentation to deliver tailored solution.**
- *Demoed PEI* to Enterprise customers and hence contributed in the **sales and customer onboarding**.
- *Emphasized on **developing low cost, high value** solution, hence optimizing cost and increasing value proposition for the customer.*

SAP   BANGALORE, INDIA
   Developer   Aug '15 – May '18
- *Lead for Development, Planning, Implementation* of SAP 's Suite Page Builder Product aimed at improving the User Experience of 1000's SAP ABAP HCM screens by **innovating Tiles per Feature concept.**
- *Adhered to SAP 's principle to "**Run Simple**" by inventing solution that resonates with the customers, hence reducing excessive marketing efforts.*

SAP   BANGALORE, INDIA
   Product Associate   Aug '14 – July '15
- *Improved SAP 's ASE Database product by resolving **high priority bugs** hence improving **customer experience**.*

Please refer to my Linked-in profile for a more complete list of work experiences.

Timeline of Achievements

- *2019 - **Top 50 Tech Visionaries** - Awarded Top 50 Tech Visionaries by Intercon for my achievements*
- *2018 - **Member of Editorial Board** - Honored to be inducted in the board of technical review for International Journal of Wireless Networks and Broadband Technologies.*
- *2017 - **Innovator @ SAP** - Felicitated with Innovator @ SAP for ongoing research and contributions to technology by authoring books, designing scalable solutions and mentoring developers to deliver next gen solutions.*
- *2016 - **Excellence at Innovation** - Awarded Excellence @ Innovation at SAP Labs India for developing an end to end application "HooP" to map street kids to a learning objective using sports as a medium. socialchange*
- *2015 - **WINNER global hackathon** organized by SAP Walldorf for creating a tokenization concept to reduce queues at the cafeteria*
- *2014 - **Top 6 Innovative ideas in INDIA** by Yahoo Innovation Jockey - A National level competition aimed at finding solutions that solves a real problem.*
- *2014 - **Best PROJECT award** for his **invention KGSAN** - 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). Indian Patent 2271/CHE/2014*
- *2013 - **WINNER global hackathon** organized by PESIT for **custom-built cloud hosting** service.*

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 – for WebSphere Software V6.0   BANGALORE, INDIA
   IBM   Oct '13

Skill Highlights

- **Problem Solving** - Nabeel is an expert in problem-solving as he invented a simplified compare simulation concept for comparing the performance for physical assets using feature prioritization, divide and conquer and mental models. This simplification led to the on-boarding of one the biggest clients in Europe.
- **Product Management** - Nabeel has experience in driving ideas to products. He has worked in projects like Predictive Engineering Insights, HooP, Smart Parking from their inception and used mind mapping, design thinking, User Experience, User Interviews, and advanced development methodologies to deliver a profitable product. The key to success was his emphasis on scalable design, and quality over quantity approach.
- **Innovation** - Nabeel was featured in "Innovator @ SAP" annual video series for his contribution to the Internet of Things, Machine Learning, Analytics in terms of Patents and Technical journals. He has authored books and book chapters on these topics and loves to share his expertise in Tech Talks.
- **Technical Development** - Nabeel is an avid coder and he is proficient in JavaScript, Python, Java and has worked extensively on SAP 's UI5 framework to create world-class products with more than 500,000 user bases. He has also designed scalable product architectures using Kafka, AWS, Azure and is an advocate of multi-cloud architecture.
- **Management** - Nabeel possesses exceptional management skills and has led teams in technical capacity to deliver user features in a timely and strategic manner. The key to his success was planning, communication, decision making and forecasting the release strategy to launch the product.

Publications

ParaSense – A Sensor Integrated Cloud Based Internet of Things Prototype for Real Time Monitoring Applications — INDIA
Author, International Conference, Published by : IEEE Region 10 — May '14

Microsense: Sensor Framework for IoT System-on-Chip — US
Author, International Journal, Handheld Computing Research, Published by: IGI Global — Dec '16

Cyber Physical System- A book on Internet of Things — US
Co-Author, Technical Book, Published by: IGI Global — Dec '14
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, Technical Book, Published by: Chapman and Hall/CRC Press — Sept '16
Co-Authored NoSQL chapters including databases like MongoDB, PostgreSQL

NoSQL, Cloud Agile Assimilation: A Decision Guidance Handbook — GERMANY
Co-Author, Technical Book, Published by: LAP LAMBERT — 12 Jan '17

Comparison Study of Different NoSQL and Cloud Paradigm for Better Data Storage Technology — US
Co-Author, Technical Book, Published by: IGI Global — May '18
Co Authored Chapters on NoSQL Databases.

Patents

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) — INDIA
Indian Patent, 2271/CHE/2014 — May '14

Improved taxation control using Cloud Solutions — US
us 15/724,273 — Oct '17
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Interests

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