



# KARAN SONAWANE

Engineering Specialist



## PERSONAL DETAILS

Master of Engineer with hands on Software Applications and Industry exposure for more than 2+ years. Proficient on Creating Software Design and Strategy Documents for the Project. Responsible for Business requirements gathering and Executing Agile methodology with strong Software Release Plan. Currently working as a Scrum Master and Pursuing MBA in Business Analytics from BITS, Pilani



### Phone Number

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### Address

E/001, Amber Heights, Ambarnath East



## SKILLS ( TECHNOLOGY / FUNCTIONAL )

- Product Management  
★★★★★
- Project Management  
★★★★★
- Software Design and Architecture  
★★★★★
- Business Analysis and Requirement Gathering  
★★★★★
- Analytics (AI and Machine Learning)  
★★★★★
- DevOps  
★★★★★



## EXPERIENCE / INTERNSHIP

### Baker Hughes (GE Oil and Gas)

Software Engineering Specialist | Jul 2019 - Present

1. Worked on AWS technology such as Lambda functions, SQS, SNS, Cloudwatch, API Gateway, AWS Cloud Platform, Kubernetes, Docker, EC2 and EKS.
2. Worked on Creating Patentable Customized Analytics Framework.
3. Responsible for Executing Agile Methodology and Currently Working as Scrum Master of the Software Development Team for the Project.
4. Creating Sprint and Release planning for efficient delivery of the software projects.
5. Writing Project Technical and Functional Feature based on Requirement Gathering from the Stakeholders.
6. Creating Software Architecture Design and Strategy Documents of the Project for Team to start with Agile Rapid Application Development.

### Baker Hughes (GE Oil and Gas)

Leadership and Pipeline Program (Digital Technology) | Jul 2018 - Jul 2019

- 1) Full Stack Software Development using NodeJs and Angular.
- 2) Worked in Analytics Team to train Machine learning algorithms to predict Time-Series data and Anomaly Detection of the Physics based industrial Models.
- 3) Worked as DevOps Engineer to create Infrastructure for Software Projects and Create CI/CD pipeline using Jenkins.
- 4) Worked on IIoT domain for Oil and Gas Industry



## EDUCATION

### University of Mumbai Jul 2019

Master of Engineering : Information Technology | 84%

**Awarded Best IEEE Research Paper for Industrial Project in Recent Advancement in Computing and Engineering Management International Conference, 2019**

### University of Mumbai May 2017

Bachelor of Engineering : Information Technology

### BITS, Pilani | Jul 2020 - Pursuing

MBA : Business Analytics



## PROJECTS

### IIoT for Monitoring Oil Well Production and ensure Reliability Jul 2018 - Mar 2019

[https://www.researchgate.net/publication/332491010\\_IIOT\\_for\\_Monitoring\\_Oil\\_Well\\_Produ](https://www.researchgate.net/publication/332491010_IIOT_for_Monitoring_Oil_Well_Produ)

### Cloud based Mobile Social TV Aug 2016 - May 2017

<https://www.irjet.net/archives/V4/i3/IRJET-V4I3587.pdf>



## PROFESSIONAL ENHANCEMENTS

### Certifications

- Certified Scrum Master - International Scrum Institute
- Certified Six Sigma Green Belt
- IBM's Data Science - IBM
- Operations Analytics Certified - Wharton School
- Foundations of Business Strategy - University of Virginia



## PUBLICATIONS

### Positions of Responsibility



1. Title: IIOT for Monitoring Oil Well Production and Ensure Reliability, Published in SSRN'S ELSEVIER'S international Journal. (ICAST 2019: 2nd International Conference on Advances in Science & Technology) Url: [https://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=3370201](https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3370201)
2. Title: Cloud Based Mobile Social Tv" , in International Research Journal of Engineering and Technology ( IRJET) published in IRJET Journal ,Volume 4 ,Issue 3 Url: <https://www.irjet.net/archives/V4/i3/IRJET-V4I3587.pdf>



#### MORE INFORMATION

- Playing Cricket , Chess
- Travelling
- Reading
- Aviation