

Hemant Singh

Solution Engineer, Nokia

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EDUCATION

NIT JAIPUR

BACHELOR OF TECHNOLOGY

2013 - 2017

CGPA : 8.11/10

KENDRIYA VIDYALAYA

Class XII

Aggregate : 95.60%

Class X

CGPA : 9.6/10

LINKS

LinkedIn:// [hemantsingh-ee1332](#)

Website:// [HemantSingh](#)

CERTIFICATIONS

- Data Science and Machine Learning in Python : Certified by Zigsaw Academy
- LoRa - LPWAN technology

COURSES

ONLINE COURSEWARE

Intro to Machine Learning - Udacity

CONFERENCES

- NASSCOM - Annual Technology Conference - INDUSTRIALIZATION OF DISRUPTIVE TECHNOLOGIES (Aug'19)
- NASSCOM - Tech Series: How to Power AI, ML and Digital Transformation (Dec'19)

SKILLS

TECH LANGUAGE

• Java • Python • TypeScript

SOFTWARE FRAMEWORKS

Spring boot • Apache Camel • Angular8
• Django

SOFTWARE TOOLS

• IntelliJ • Jupyter Notebook
• Visual Studio Code

WORK EXPERIENCE

NOKIA NETWORKS | JULY 2017 - PRESENT | NOIDA, INDIA

One of the key developer in building Nokia's Integrated Operations Center, a smart city management solution that leverages Internet of Things technologies to manage smart city infrastructure.

AREAS OF WORK

- Back-end system development based on Java 8
- Exposing data services for Enterprise Customers
- Design discussions and improving upon bottlenecks
- Training and guiding new team members on code structure and system architecture

SMART MEETING ROOM

- Created application for company internal usage which targets efficient utilization of conference rooms to check the real-time presence of person in rooms
- Solved key problems of conference room - If room is booked but not occupied, app will show room status as empty and will also notify user to cancel booking so that others can use the same

KEY SKILLS AND COMPETENCIES

- Core Java Programming
- Developing WebServices following industry standards and best practices
- IoT Protocols knowledge
- Experience with application servers and developing and integrating web services
- Debugging bottlenecks and optimizing existing design
- Source Code Management

KEY UNDERGRADUATE PROJECTS

A SMART ANIMATRONIC HUMAN FACE | FINAL YEAR B.TECH PROJECT

Dec 2016 - May 2017

- Developed a personal assistant robotic face that can interact with the user and respond to commands with the help of audio-visual support system.

For more details, visit project website :

[Basanti - The Actroid](#)

IOT BASED DIGITAL FARMING | GE EDISON CHALLENGE 2016

Jan 2016 - March 2016

- Designed and developed an automatic irrigation system based on real-time monitoring of field using sensor node, WSN and Android app interface.

KEY ACHIEVEMENTS

ML HACKATHON RUNNER UP

2019

- Runner-up position for developing ML algorithm
- Objective was to develop algorithm that learns the relation between statistical input data points and give output in human interpretable language