

Meet N. Gandhi

BACHELOR'S IN COMPUTER ENGINEERING

DATE OF BIRTH: 6TH JAN 1999

LINKED-IN: <https://www.linkedin.com/in/meet-gandhi/>

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OBJECTIVE

To continuously learn new technology and implement them for solving real-life problems, and to keep finding innovative and efficient solutions to challenging problems.

EDUCATION

Qualification	Institute	Board/University	Year	Percentile/CGPA
Bachelors of engineering.	MPSTME	NMIMS	Perusing	3.3/4 (6 th sem)
XII	Nirman High School	Gujarat Board	2016	83.06
X	Nirman High School	Gujarat Board	2014	92.56

WORK EXPERIENCE

SEPT 2018 – PRESENT

SOFTWARE DEVELOPER, PIONEER

- Working as a full-stack web developer at Pioneer automobiles, an automobile sales company based in Ahmedabad. Currently working on the development of the management portal.
- The entire software is created on java, the main idea behind this software was to reduce the management efforts and time consumed by employees.

MAY 2018 – JULY 2018

DATABASE OPERATOR, BOMBAY STOCK EXCHANGE

- Resolved time-stamping issue while real-time data migration from MS SQL database to PostgreSQL using foreign-data wrapper.
- Participated in creating an application using socket programming for testing number of trades the system can handle successfully.

JULY 2016 – PRESENT

DRONE ENGINEER, UASNMIMS

PRESENT Team Member at Team UAS NMIMS. The team specializes in drone technology and has been conducting extensive research and development in the field of UAVs. I am a part of computational team which mainly works with image processing team and Interop team.

TECHNICAL SKILLS

Categories	Technologies
Core Languages	C, Java, Python, C++
Web Technologies	HTML, CSS, Materialized CSS, JavaScript, jQuery, Bootstrap, Node JS, JSP, Servlets, EC2, RDS
IDE	Eclipse, Android Studio, IntelliJ IDEA, Mat-lab
Microcontroller/Microprocessor	Raspberry pi, Naze 32, Node MCU
OS	Windows, Ubuntu, RHEL
Database	MYSQL, Oracle, PostgreSQL, MongoDB, Firebase

Concepts	Data Structures & Algorithm, OOP, SDLC models, operational research
Application Server	Apache Tomcat

KEY-PROJECTS

- **E-EXAMINATION WEB APPLICATION (1ST YEAR):** Secured general purpose online examination platform using Java, Servlets, JSP, MYSQL. This application can be used to conduct any examination user needs to enter the questions with correct answer and according to the selected question number, test can be generated which can be taken by students simultaneously by creating their account.
- **UAS-NMIMS (2ND YEAR):** Created a responsive website for the team UASNIMMS which is a student-based research team for making unmanned aerial vehicles.
- **MONEY MANAGER (2ND YEAR):** An android application which helps users to keep track of expenses made by using Firebase as a database. This project was for the credit fulfilment of the android course in my second year of engineering. This project was out final submission for term work.
- **TRADING SIMULATOR (2ND YEAR):** An automated system for Client –Server request simulation Via Socket Programming with a graphical user interface. This project was a part of summer internship and was used to check the reliability of system by performing stress testing.
- **QUOD-COPTER (3RD YEAR):** Created A quad-copter from scratch, with 30 minutes of flying time. The entire system was made autonomous by using pixhawk as autopilot
- **MACHINE LEARNING USING PYTHON GUI-TKINTER (3RD YEAR):** A GUI based (Tkinter) python program integrated with machine learning via pandas and matplotlib that allows the users to apply any machine learning algorithm on a user-provided CSV file.
- **SMART IRRIGATION SYSTEM (4TH YEAR):** A autonomous system based on Node MCU working as master, Wemos mini d1 as slave and Firebase for taking readings and performing data interpretation of moisture, humidity and temperature level at any farm.
- **MACHINE LEARNING BASED LIP READING (4TH YEAR):** Creating a hybrid CNN-RNN model for accurately predicting spoken words or sentences from the input video data

COURSE/ SEMINARS/ WORKSHOP/ ACHIEVEMENTS

- Completed [Microsoft Certified](#) course on web development.
- Completed [IIT Kharagpur](#) Operating system model course through QEEE.
- Participated in [WRC – Quadcopter challenge](#) of TechnoXian, held at Thyagraj Stadium, New Delhi (India).
- Participated at 3rd [International conference](#) on Academic and Industrial Innovations: Transitions in Pharmaceutical, Medical and Biosciences.
- Attended workshop for [Google Cloud On-board: Big Data & Machine Learning](#) and [Google Android Development](#)
- Attended a [Cyber Security](#) workshop organized by Rahul Tyagi (Vice President - Training at Lucideus).
- Attended couple of [Hackathon](#) and developed a website.
- Attended several [Model United Nations](#) (MUN) including IIT Bombay TW-MUN.

HONOURS

- Part of the team UAS NMIMS, which secured [5th Rank All Over the World in AUVSI-SUAS](#) (Unmanned Aerial System) drone competition held at Maryland, USA
- Held a position as [SECRETARY of CSI](#) (Computer Society of India), a union of computer science engineering students all over India who conduct various workshops to create awareness regarding new technological advancements.

TECHNICAL DESIGN PAPER

- Technical design Paper for [15th AUVSI Student UAS Competition](#) Mukesh Patel School of Technology Management and Engineering
- Technical design for [16th AUVSI Student UAS Competition](#) Mukesh Patel School of Technology Management and Engineering
- Technical design for [17th AUVSI SUAS Competition](#) Mukesh Patel School of Technology Management and Engineering

RESEARCH EXPERIENCE

- Member of IDB group under prof. Santosh Bothe which carries on various projects, participated in project based on "[Electronic Health Record](#)" in my first year of engineering. Which was based on the selection of parameters for accurate prediction of diseases.
- Conducted research with prof. Prashant Udavant regarding "[Enhancement in Smart Irrigation System](#)". A hardware product was created which measures moisture, temperature, and humidity of soil and provide water accordingly to the soil.

RESEARCH PUBLICATIONS

- "[Synchronization of Machine Learning into Electronic Health Records](#)", International Journal of Computer Application (Accepted).
- "[Pre-processing of non-symmetrical images for edge detection](#)", Augmented Human Research - Springer (Accepted).

TEACHING EXPERIENCE

APRIL 2016- JUNE 2016

TEACHING ASSISTANT, SHRINATH VAKHARIA INSTITUTE OF CHEMISTRY

Worked as a teaching assistant at an institute where I used to study, for my Higher Secondary Certification. Conducted several lectures, doubt clearing section, and test paper checking tasks.

REFERENCES

Dr. Nitin Choubey
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Prof. Prashant Udavant
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