

EDUCATION

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| June 2015 to Present | Pursuing Bachelor of Engineering, Computer Engineering <i>Concentration: Computer Science</i> <ul style="list-style-type: none">- Universal College of Engineering, Mumbai University, Mumbai- Consistently ranked 2nd among 160 students in the department- Performance up to Semester VI: (CGPA 8.59/10)- Graduation: August 2018 |
| June 2011 to May 2015 | Diploma in Computer Science & Engineering <ul style="list-style-type: none">- Shri Bhagubhai Mafatlal Polytechnic, Autonomous, Mumbai- Secured Distinction (70.03%) |
| June 2010 to March 2011 | Secondary School Certificate Examination <ul style="list-style-type: none">- Bhavan's A.H. Wadia High School, Mumbai University, Mumbai- Secured Distinction (92.00%) |

INTERNSHIPS

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| May 2015-June 2015 | netCORE Solutions, Mumbai, India <i>Sales, Intern</i> <ul style="list-style-type: none">- Worked as an assistant for the IoT department of netCORE Solutions in lead generation & client meetings- Aligned interactive meetings with cold chain manufacturers & owners of cold storages, for understanding their problems & devising a solution to meet their requirements |
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SELECTED PROJECTS

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| 2017 | Smart Analytics and Predictions for Indian Medicare (In Progress) <ul style="list-style-type: none">- Developing a web application for integrating entire medical records of every Indian citizen using their 'Aadhar card' for efficient analysis & diagnosis- Providing doctors with a disease prediction system using machine learning & Apriori algorithm, smart analytics to check previously assigned medications for a patient to aid their diagnosis as well as to check the range of infections & their growth in patients, along with a facility for pathological labs to directly upload reports to a doctor's site- Providing patients with updates regarding medication timings, a skin disease prediction system using image processing & an option to view the dispensaries or hospitals based on their consultation charges, ratings, etc- Providing chemists with smart analysis regarding sales of a particular medicine in an area- <u>Technologies being used:</u> C#, ASP.NET, SQL, Tableau or Google Analytics |
| 2017 | Fleet Management System (In Progress) <ul style="list-style-type: none">- Developing a commercial software for Datt Travels using C# and SQL- Implementing the software using Microsoft Visual Studio & MS Access- Providing a complete solution ranging from fuel records, personnel records, billing records as to generating weekly, monthly and yearly reports |
| 2016 | Fan & Light Automation via Voice <ul style="list-style-type: none">- Developed an Android application & an Embedded System using Ardriuno- Implemented the entire system by connecting a PC fan and a bulb to the Ardriuno, & connected the Ardriuno with the Android application using a Bluetooth module. The outcome was the fan and bulb turning on/off depending on the voice commands |
| 2015 | BITSHIP <ul style="list-style-type: none">- Developed an Embedded System for transferring data between two SD cards without use of any computer- Implemented the entire system on Raspberry Pi using Python, provided a 16x2 LCD display to view the contents of an SD card, provided four buttons for making selections & made use of a 5V battery for making the device portable |

2013

BAB Group of Doctors

- Developed a website using JSP and SQL for three doctors situated in Andheri, Bandra & Borivali areas in Mumbai, India
- Patients could view details about doctors and could set appointments
- Doctors could view the appointments and make necessary changes

RESEARCH PAPERS

1. Kawthankar S, Ansari E, Joshi R & D'Monte S. (2017), Smart Analytics and Predictions for Indian Medicare, *Institute of Electrical and Electronics Engineers* (Abstract accepted & paper submitted)
2. Kawthankar S & Raut, C. (2017), A Survey on Smart Automobiles using Internet of Things for Digital India, *International Journal of Recent Trends in Engineering & Research*

CERTIFICATIONS

- Certified in Web Component Development using Java Technologies from NIIT (2013)
- Certified in Core Programming from NIIT (2011)

CORE COMPETENCIES

- Programming Languages: C, C++, C#, Java, Python, Embedded C, Assembly language
- Web Technologies: HTML, CSS
- Data Management: MySQL
- Development Tools & Productivity: Microsoft Visual Studio, Netbeans, Android Studio, Pycharm, SQL Server Management Studio

SOCIAL PROJECTS

- Conducted Computer Literacy Workshops & Volunteered for 9 months at Late Sakru Laloo Rathod Vrudhashram Old Age Foundation, Thane for senior citizens

EXTRA CURRICULAR ACTIVITIES

- Successfully conducted a workshop for the Computer Society of India titled 'Internet of Things' held at Universal College of Engineering
- Hosted the 'IETE 3rd National Level Technical Paper Presentation' held at Universal College of Engineering
- Member of the Technical Committee of the 'IETE 4th National Level Technical Paper Presentation' held at Universal College of Engineering
- Qualified in Elementary & Intermediate drawing exams
- Attended a seminar on Entrepreneurship Development in Shri Bhagubhai Mafatlal Polytechnic
- Completed 'Android Workshop' held at Universal College of Engineering
- Proficient rhythm guitarist practicing from past 6 years
- Performed at various fests in Solo Singing with Guitar