

# Aadesh J. Bakliwal

Department of Electronics and Telecommunications Engineering

Vishwakarma Institute of Information Technology, Pune – 411048

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## ACADEMIC QUALIFICATIONS

Year	Degree	Institution	CGPA/Percentage
2017-2021	B.Tech in Electronics and Telecommunications Engineering	Vishwakarma Institute of Information Technology	9.43 / 10 Until 6 <sup>th</sup> Sem
2017	Class XII (HSC)	Nowrosjee Wadia Junior College, Pune	70.00 %
2015	Class X (SSC)	St. Patrick's High School, Pune	91.60 %

## TECHNICAL SKILLS

<b>Languages</b> - Java, Solidity, Python, 8051 Assembly Language, AVR C	<b>Electronics Hardware</b> – 8051 ARM7 based LPC2148, Atmega16/32	<b>Databases</b> – MySQL, MongoDB
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## INTERNSHIPS | PROJECTS

### TATA MOTORS Ltd., Chinchwad

(Jun '19 - Jul '19)

- It was a research-oriented internship where the tasks given were to analyse different types of motors, Motor controllers, major communication protocols, Battery Management System basics. It also gave a comprehensive industrial exposure in a Multinational OEM company in automotive Sector.
- Along with relevant industrial exposure, I also became familiar with TATA ethics and work culture which developed an appropriate level of professionalism and also became confident in taking work related responsibilities.

### Reliance Jio Regional Office, Sasane Nagar, Pune

(Jun '18 - Jul '18)

- “Digital Champions” is a 6-week action-oriented program conducted by Reliance Jio across India that requires students to interact closely with multiple Small and Medium Businesses to get insights into business and its challenges. I learnt about new digital technologies/platforms and how they can positively impact SMB's.
- I presented multiple new age problem solving methodologies through digital means where it can be applied in real world business challenges.

## Mini-Projects

- **Asset Data Tracker Using Ethereum Blockchain** - Blockchain asset tracking allows for supply chain data tracking which in turn facilitates asset management and drives sustainability and trust with increased efficiency, transparency and interoperability across supply chains using Ethereum virtual platforms and other supporting libraries.
- **Machine Learning Model for Modern Stock Trading** - Machine learning helps navigate fast-changing Stock Markets while also creating an optimal portfolio with diversification in Jupyter Using Python and popular ML algorithms .
- **Smart Menu Ordering System for Restaurants (Hardware IOT Based)** Using AVR Atmega16 Microprocessor - The aim to substitute the traditional pen and paper method by the automating menu ordering system to save the time consumed by traditional menu ordering system. I used ZigBee S2 and 4\*4 Keypad for menu ordering system.

## EXTRACURRICULAR ACTIVITIES AND ACHIEVEMENTS

- Secured Top 500 rank out of 40000 students in JIO DIGITAL CHAMPION Program. A Platinum Certificate and a letter of Appreciation based on the project submissions and efforts was awarded.
- Awarded 2<sup>nd</sup> Prize in College Tier Level Applied Engineering Competition at Sci-tech 2018 held in VIIT, Pune.
- Actively Participated in THE COMPANY CHALLENGE competition held at E'fest COEP, Pune.
- Awarded Letter of Appreciation at a National Level Competition IEPC 2019, Balewadi Pune in the field of Machine Learning as in Machine Learning Model for Modern Trading
- Gold Medalist in Computer Olympiad Held by Silverzone in School tier with AIR 490 and state Rank 61

## POSITIONS OF RESPONSIBILITY

- **Vice-President** of First Chartered Club of Rotaract Club of VIIT, a Multi Professional and Personality Development Student Cell of Rotary International.
- **Technical Secretary** of FY-B. Tech Council 2018-2019
- Title Holder of “**Mr. VIIT 2018**” by Mrs. India Worldwide 2017 pageant finalist Mrs. Rupali Kadam
- Initiated the Community Service Domain in VIIT Student Cell to be ready to teach and prosper Underprivileged Students in government Schools and orphanages
- Rotary Youth Leadership Awards 2019, **VIIT Convener** and Lead Campaigner
- **VIIT Model United Nations** 2018 lead Co-Ordinator.
- **Green House Captain** and Sports Coordinator in High School.