

AJAY BRIJESH UPADHYAYA

D-002, Premier Residences, Kurla (W), Mumbai-70

ajayu712@gmail.com

+91 – 9619915863

Seeking for a suitable and challenging opportunity in an organization where I can LEARN, DEVELOP and USE my existing technical and professional skills and be an asset to that organization.

Education

Year	Degree	Branch/ Stream	University/ Board	Percentage
2020 (EXPECTED)	BE (GRADUATION)	ELECTRONICS ENGG.	SARDAR PATEL INSTITUTE OF TECHNOLOGY, ANDHERI.	8.88
2017	DIPLOMA	ELECTRONICS ENGG.	GOVT. POLYTECHNIC, MUMBAI.	90.24%
2014	SSC	–	HOLY CROSS HIGH SCHOOL, KURLA	90.40%

Core and Technical Skills

- Programming Languages – C, C++, Core Java, Verilog Programming, LabView Programming.
- Web Designing – HTML, CSS, JavaScript.
- Database Management – Oracle SQL
- Basics of Cyber Security.
- PLC (Ladder Programming), SCADA (Graphical User Interface Design) and Human Machine Interface (HMI).
- PCB Designing & Circuit building (EAGLE), Controller Programming (KIEL).

Academic Projects

- **Smart Agriculture Using Quadcopter and Automated Irrigation.** : Developed in Final Year Diploma. The prime motto behind developing this project was how we being Engineers can contribute something to the field of agriculture.
- **Electronic Notice Board:** Design of Android App Using MIT App Inventor and Bluetooth Communication on Arduino.
- **Virtual Communication Lab Using LabView.** : Developed under Scope Course, the aim was generating different types of AM and FM Waves.
- **PLC - SCADA Based Temperature and Pressure Control System:** Developed an Experimental setup for students to understand and visualise the **Process Control** of physical parameters in Industrial and Automation Field. The parameter controlled is Temperature of water accurately with the help of PID function.

Trainings & Workshops

- Electroblazze – A government authorized workshop based on practical training on different electronic techniques.
- Conference on ‘**Emotional and Behavioural Intelligence**’ held by University of Mumbai.
- Completed **MS-CIT** with 96%.
- Have attended 6 weeks workshop on Dramatics organized by Sardar Patel Institute of Technology, Andheri.

Achievements

Technical Achievements:

- Received first prize in Technical Paper Presentation conducted by Rustomjee Academy for Global Careers, Mumbai and second prize at national level technical symposium organized by Rajiv Gandhi Institute of Technology, Mumbai.
- Received Consolation prize for the project mentioned above in State level Project competition organized by Babasaheb Gawde Institute of Technology, Mumbai.
- Received LAB Development Certificate for developing PLC – SCADA Based Temperature Control System.

Sports and Cultural Achievements:

- Received the Best Student Award in the year 2017 by Government Polytechnic, Mumbai.
- Received Second Prize in Debate Competition held by Government Polytechnic, Mumbai.
- Received the Annual Sports Championship in the year 2013-2014 by Holy Cross High School, Kurla.
- Finished on Third Place with the team 'Judean United Soccer Club' in the MDFA 3 Division Football league in the year 2018 and also received Second place in 'Spoorthi' Football Competition held by Sardar Patel Institute of Technology, Andheri.

Extra-curricular Activities

- Participated in various State level and National level Project Exhibitions and Technical Paper Presentations.
- Participated in eYantra (National level robotics competition) organized by IIT Bombay.
- Participated in Texas Instruments IICDC. (Indian Innovation Challenge Design Contest)
- Currently serving as **Secretary Community – Services Rotaract Club** of SPIT and **Head of Events** in ESA. (Electronics Students Association)
- Working as **Training and Placement Co-ordinator** for the batch 2019-20.

Social Activities

- Participated actively in the social campaign 'Rally for Rivers' led by **Sadhguru** of the **Isha Yoga Center, Coimbatore** which served in saving the lifelines of our country.
- **Beach cleanup** under the guidance of '**Champions of the Earth**' award winner **Mr.Afroz Shah**.
- Teaching Basics of Football to the young generation who cannot afford proper coaching in clubs and also guiding them.