

Shrey Sanjeev Kothavade

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Objective: Challenging position for my applied background in Electronics, coding as well as mechanical skills

Education:

Completed Secondary School Certificate (SSC) Mumbai board examination from Balmohan Vidyamandir, Dadar(W), Mumbai-28 with 80%.

Completed Higher Secondary School Certificate (HSC) Mumbai board examination from Bhavani Shankar Road Junior college of Science (run by Vidyalkar), Dadar(W), Mumbai-28 with 60%. (Electrical Maintenance as bifocal subject)

Pursuing Electronics Engineering Degree from Vidyalkar Institute of Technology under Mumbai University. (current average CGPA = 5.4)

Experience:

- Worked as Intern in Vidyalkar Institute of Technology, from May 2019- Aug2019. Project based work,
 - 1st - SBMHS - The Single Board Multi Heater System is a comprehensive experimentation platform developed at IIT Bombay that can be used in the study of Control Systems as well as Instrumentation. The SBMHS consists of an Arduino Uno based controller which can be interfaced to popular development platforms such as NI LabView® for system development, user interface, control algorithm implementation and signal processing. As the project was not working, Identifying and debugging the error from the system was our task.
 - 2nd - Automatic Curtain Raiser - We developed this system specifically for offices. Basic interfacing of Multiple LDR, Motor with Microcontroller completed our system. It compares Lighting condition outside and the Inside lighting conditions, which lead us to take perfect results out from our system.
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Technical Paper:

- Published and Presented Technical Review Paper at **SCEECs-2020, MANIT, Bhopal. IEEE conference**. "A review on prediction of early heart attack based on degradation of Graphene Oxide and Carbon Nanotube using Myeloperoxidase". Paper Published on **IEEE Xplore- Digital Library**.
 - Technical Paper "A review on prediction of early heart attack based on degradation of Graphene Oxide and Carbon Nanotube using Myeloperoxidase" Authorized and Licensed by **University of Birmingham**.
 - Presented Technical Paper at Government of Maharashtra's **Dr.Homi Bhabha State University Institute of Science.- Mumbai**
 - Poster Presentation at "National Seminar on Advanced Materials-2020"(NSAM-2020),The Institute of Science, Dr Homi Bhabha State University, Mumbai and published abstract on "Application of Graphene Oxide and Carbon Nanotube to Detect early heart attack Using Myeloperoxidase." In Conference proceeding.
 - Developed and Writing paper on Military grade robot for assistance and spying.
 - Working on Optical Communication Research Paper on more efficient transmission.
 - Working on Machine Learning Classifiers Research Paper.
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Projects:

- **Problem Statement Based** two robots for ROBOCON competition. (automatic and manually controlled robot).
 - Rocker-Bogie Suspension Mechanism based **Military Grade robot** for assistance and spy purpose.
 - Single Board Multiple Heater System(**SBMHS**), IIT-Bombay project (involved in problem debugging)
 - **Automatic Curtain Raiser**, can be remotely controlled.
 - Line Following Robot
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Technical Skills:

PCB Designing Software:	Eagle, KiCad
Coding Software:	Arduino, Atmel Studio, Eclipse for Python
Electronics Simulation Software:	LtSpice, Multisim, Proteus, Fritzing
Software:	MATLAB, Opti system
Language:	C, C++, Python
Office Tools Proficient	MS Word, MS Excel, MS PowerPoint, MS To-Do, Google Sheets, Google docs, Google Slides, Google Keep

Achievements:

- Got selected in Team ROBOCON, VIT. Represented college at National Level **ROBOCON** competition. Electronics Team Head in 3rd year of my engineering.
- Member of Student council's – Technical committee from 1st year of engineering.

- Completed MOOC course from **University of Michigan**. “Programming for Everybody (Getting started with Python)” with 98%.
Credential ID: R6L2C56WFR7S
URL: <https://www.coursera.org/account/accomplishments/certificate/R6L2C56WFR7S>
- Completed MOOC course from **University of California, Irvine**. “Introduction to the Internet of Things and Embedded Systems” with 96%.
Credential ID: 3BQM96T4W87Y
URL: <https://www.coursera.org/account/accomplishments/certificate/3BQM96T4W87Y>
- Completed MOOC course from **Macquarie University**. “Excel Skills for Business: Essentials” with 92%.
Credential ID: PMK7VDEFHKEC
URL: <https://www.coursera.org/account/accomplishments/certificate/PMK7VDEFHKEC>
- Completed MOOC course from **University of Michigan**. “Python Data Structures” with 94%.
Credential ID: GBLYNHZDWK8T
URL: <https://www.coursera.org/account/accomplishments/certificate/GBLYNHZDWK8T>
- Completed MOOC course from **IBM**. “What is Data Science?” with 92%.
Credential ID: XTWSH4QLA9AH
URL: <https://www.coursera.org/account/accomplishments/certificate/XTWSH4QLA9AH>
- Completed MOOC course from **École Polytechnique**. “Plastic Electronics” with 95%.
Credential ID: 5EMBTKEVT6PE
URL: <https://www.coursera.org/account/accomplishments/certificate/5EMBTKEVT6PE>
- Completed MOOC course from **Georgia Institute of Technology**. “Write Professional Emails in English” with 100%.
Credential ID: CTN8U7YQHR6W
URL: <https://www.coursera.org/account/accomplishments/certificate/CTN8U7YQHR6W>
- Completed MOOC course from **Macquarie University**. “Excel Skills for Business: Intermediate I” with 87%.
Credential ID: 85GJ9DATDTEP
URL: <https://www.coursera.org/account/accomplishments/certificate/85GJ9DATDTEP>

Achievements in sports:

- Earned 1st Dan from Japan Karate Association.
 - Medals at district and zonal level. Silver medal at Mayor’s cup.
- Represented Maharashtra at National Level Rifle Shooting games.
 - Medals at District and zonal level. Team medal at mayor’s cup, Defeating Railways team.

Personal Profile:

Name:	Shrey Sanjeev Kothavade
DOB:	20/10/1998
Age:	21
Sex:	Male
Marital Status:	Single
National:	Indian
Linguistic proficiency:	Marathi, English, Hindi
LinkedIn Profile URL:	linkedin.com/in/shreykothavade/

Declaration:

I hereby declare that the information furnished above is true to the best of my knowledge and belief.

Date:

Yours Sincerely,

Place: Mumbai

Shrey Kothavade
