

SURABHI NAMBIAR

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EDUCATION:

MES PILLAI'S COLLEGE OF ENGINEERING

2015-2021

Study Emphasis: Electronic And Telecommunications Engineering

Current GPA: 6.35/10

JVM'S NEW ENGLISH SCHOOL AND JUNIOR COLLEGE, THANE

2013-2015

Junior College

Study Emphasis: Physics, Chemistry, Maths, Computer science

JVM'S NEW ENGLISH SCHOOL AND JUNIOR COLLEGE, THANE

2011-2013

High school

Study Emphasis: Elementary and advanced education

ACHIEVEMENTS & EXPERIENCE:

- Committee Member for : "Alegria, The Festival Of Joy" as part of the Publicity Team.
Role and Responsibility: College Relation Head. Responsible for building inter-college relations and collaborations for youth festivals.
Dec 2016 - Feb 2017
- What After College (IIT-Bombay): Robotics and IoT
Participated in a Robotics & IoT workshop about L2 Robotics and application of IoT. Designed and fabricated a line follower robot using comparator circuit and line sensors.
September 2018
- Committee Member: IEEE PCE as part of the Creative Team
Role: Learning and facilitating spaces for building bots.
August 2017- April 2018
- Sports: Participated in multiple athletic competitions.
Aced in Running – 100Mts with 1st Rank for 4 years consecutively.
2009-2012
- The Indian National Foundation For The Blind
Role: Fundraising and created awareness as a young volunteer
October 2005- October 2009
- UC MAS Abacus Mental Arithmetic Programme
Course Completed
September 2007 – April 2010
- NetTech India
Course completed: CCNA Routing & Switching and Web Designing

SKILLS & INTERESTS:

- CCNA | Cloud Computing | Internet Of Things | C++ Programming | Robotics | Firebase | Basic AngularJS | Basic Python | SQL (Data Science) | Basic Neural Networking | Basic Deep Learning | Basic Cyber Security | Excel
- HTML | CSS | Java Script | J Query | Bootstrap | Marketing Analysts
- Swimming | Abacus | Athletics | Art- Intermediate level (2011)
- Dancing | Reader | Travelling | Painting

COURSES & PROJECT WORK:

● **Coursera Courses:**

- Introduction to Cybersecurity Tools & Cyber Attacks June 2020,
- SQL for Data Science May 2020,
- Neural Networks and Deep Learning May 2020,
- Programming Foundations with JavaScript,
- HTML and CSS April 2020,
- Programming for Everybody (Getting Started with Python) April 2020,
- AI for Everyone April 2020,
- Excel skill for business (Essentials)
- Marketing Analysts April 2021

● **Mini Project:**

Created a Ping-Pong game with an 8x8 LED Matrix using Arduino Uno. The game functioned on the parameters of Paddle Height, Paddle Rate, and Ball Rate.

● **Final Year Project:**

LPG Gas Monitoring, Leakage Detection and Automatic Cylinder Booking System using PIC Micro-controller, GSM Modem and MQ6 Gas Sensor.

INTERNSHIPS:

BSNL, Mumbai – India | June 2019 to July 2019

Telecommunications Intern

Role, Responsibilities, and Key Learnings:

Advance Level Vocational/ Industrial Training with Specialization in Telecom Transmission Technologies- Satellite Communications and OFC.

- Learned about satellite communication and covered key aspects pertaining to MPLS, Telecommunication exchange and antenna parts, Leased circuit, and Networking protocols.
- Also, learned with practical experience areas of Mobile communication system, Optical fibre, Broadband technology, Digital and transmission switching system, and Telecom support infrastructure.

MSEB, Navi Mumbai – India | December 2019 to January 2020

Intern

Role, Responsibilities, and Key Learnings:

Was trained at the Operations Wing and State Load Dispatch Centre (SLDC).

- Learned the 3 units of SLDC consisting of Operation Wing, SCADA/IT/ADMIN Wing, and Energy Accounting Wing.
- Also, learned with practical experience areas of Transmission infrastructure, State Installed Capacity and Demand, System Operations and highlights, Energy Accounting, and SCADA.

LANGUAGES:

- English: Professional and working proficiency
- Marathi: Elementary proficiency
- Hindi: Native or bilingual proficiency
- Malayalam: Native or bilingual proficiency