



SUDHANSU ARUN PATIL

Course : **B.E. (Hons.)**, Electronics & Communication, 2025

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ACADEMIC DETAILS

COURSE	INSTITUTE/COLLEGE	BOARD/UNIVERSITY	SCORE	YEAR
CLASS XII	Phulsing Naik Mahavidyalaya , Pusad	Maharashtra State Board of Secondary and Higher Secondary Education (MSBSHSE)	97.5 %	2021
CLASS X	Saint Mary's English School , Pusad	Maharashtra State Board of Secondary and Higher Secondary Education (MSBSHSE)	91.8 %	2019
Subjects / Electives		Data Structures and Algorithms , C Programming , Machine Learning , Artificial Intelligence , Cryptography , Digital Design , Microprocessors and Interfacing		
Technical Proficiency		C++ Language , C Programming , Python , HTML + CSS, Arduino , MATLAB		

SUMMER INTERNSHIP / WORK EXPERIENCE

Project Intern , Simplecrm	May 2023 - Jul 2023
<ul style="list-style-type: none"> Customized CRM software (SaaS) per client specs, ensuring business -needs alignment . Authored precise BRDs, guiding successful project execution . Drove cross-functional collaboration for tailored CRM solutions . 	

PROJECTS

PyShop - E-commerce website - Development	May 2022 - Jun 2022
<ul style="list-style-type: none"> Developed an e-commerce grocery store using Django framework . Used SQLite for backend and HTML , CSS , and JS for frontend design . 	
Blockchain based Lottery System - Blockchain Cryptography	Sep 2022 - Feb 2023
<ul style="list-style-type: none"> Contributed in developing a Java-based lottery system using blockchain (hashing) for enhanced transparency and security. Zero Knowledge Proof (ZKP) was leveraged for securing and exchanging private data. 	
Personal Portfolio Website - Web-Development and Design	May 2023 - Jul 2023
<ul style="list-style-type: none"> Designed and built an HTML+CSS portfolio website showcasing skills and projects and also set up inbound emailing for contacting me. Also, have created n number of reactive projects using HTML+CSS. 	
Advanced Python Calculator - Programming	Jan 2023 - Jan 2023
<ul style="list-style-type: none"> Created an advanced calculator in Python , which has added features like trigonometric angle calculations and modulus operator. 	
Design of Coconut Coir-based Antenna for Wireless Application - Electronics and Telecommunication	Aug 2023 - Present
<ul style="list-style-type: none"> Designing Microstrip Patch Antenna using Coconut coir as a substrate and comparing it with traditional FR-4-based Antenna . Using CST software for Design and Simulation 	

POSITION OF RESPONSIBILITY

UI/UX Designer - Department of Technical Arts (DoTA)	Jun 2022 - Sep 2022
Was a member of the UI/UX division in DoTA. Helped with designing the landing pages for ATMOS - Tech Fest of BITS- Hyderabad .	
Core Team Member - Spectrum - The Physics Association	Jan 2022 - Oct 2022
Was a member of the core team, responsible for research and conducting various physics -oriented quizzes and events .	

AWARDS AND RECOGNITIONS

INSPIRE scholar Department of Science and Technology , India	Mar 2021
<ul style="list-style-type: none"> Eligible for INSPIRE scholarship , awarded for being in the top 1% of the students appearing for Maharashtra State Board Exam . 	

TEST SCORES

TEST NAME	DATE OF EXAM	SCORE
MHTCET	Sep 20, 2021	98.858 Percentile
JEE - MAINS	Jul 21, 2021	97.865 Percentile

LANGUAGES KNOWN

English , Hindi , Marathi
