

Umesh Padul

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Portfolio: <https://github.com/c-u-p>

Education:

- Bachelor of Engineering (Computer Engineering)
Sinhgad Academy of Engineering, Kondhwa, Pune. CGPA: 9.45
- Diploma (Computer Engineering)
CSMSS College of Polytechnic, Aurangabad. Aggregate Percentage: 80.75%
- 10th SSC
Shishuvihar High School, Aurangpura, Aurangabad. Percentage: 88.40%

Courses and Certifications:

- Certificates for completing the course by demonstrating theoretical understanding of Programming Languages like Java, C++, C and Web Technologies like HTML, CSS, PHP.
(Link: <https://www.sololearn.com/profile/14693103>)
- Introduction to Data Science in Python, an online non-credit course authorized by University of Michigan and offered through Coursera.
(Link: <https://coursera.org/verify/749BM9AT4YDC>)
- IT Security: Defense against the digital dark arts, an online non-credit course authorized by Google and offered through Coursera.
(Link: <https://coursera.org/verify/KF9U5ZTEW74M>)

Project Details:

- Academic Projects:
 - Digitization of Real Time System as Home (Technology used: Python, IoT, Android):
Digi-RTSH is an automation system to control the electrical components digitally.
(Link: <https://www.ijraset.com/best-journal/digi-rtsh-implementation>)
 - Smart Transportation System (Technology used: IoT, Arduino, Sensors):
STS is an established solution for route to solve or at least minimize traffic problems.
(Link: <https://github.com/c-u-p/Smart-Transportation-System>)
 - Analysis on DVD Sell Data (Technology used: Data Science, Data Visualization):
Large and Complex data can be analyzed and classified easily through visualization.
(Link: <https://github.com/c-u-p/data-science-project>)
- Block-chain implementation (Technology used: Python, Block-chain concepts):
Python Application Software for demonstrating the working of block-chain concept.
(Link: <https://github.com/c-u-p/BlockChainImplementation>)

Skills:

- Programming Languages: C++, Python, Java.
- Web Technologies: HTML, CSS, PHP.
- Operating Systems: Raspberry Pi, Linux, Windows.
- Databases: Google real-time database, MySQL.
- Others Technologies: Android, IoT, Algorithm Building.
- Interests: Cyber Security, AI and ML.

Paper Presentation/Published:

- Research Paper on Digitization of real-time system as Home:
International Journal of Advance Research, Ideas and Implementations in Technology.
(ISSN: 2454-132X, Impact Factor: 6.018, Volume 7, Issue 6-V7I6-1398)
(Certificate: <https://www.ijariit.com/manuscripts/v7i6/ecertificate-OAPIJ216219.jpg>)
(Paper: <https://www.ijariit.com/manuscripts/digitization-of-real-time-systems-as-home>)
- Implementation Paper on Digi-RTSH:
International Journal for Research in Applied Science and Engineering Technology.
(Volume: 10, Issue: V, Month of publication: May 2022)
(Certificate: <https://www.ijraset.com/print-certificate/digi-rtsh-implementation>)
(DOI: <https://doi.org/10.22214/ijraset.2022.41907>)
- MSBTE State Level Paper Presentation Competition 2018-2019 on topic of Humanoid Robot.

Involvement and Responsibilities:

- Open source Contributor: <https://github.com/c-u-p> (GitHub)
- Coding Platform: https://www.hackerrank.com/c_u_p (Problem Solving Practice)
- Android Application Development

Extra-curricular Activities:

- Sports: Karate
- Reading: News and Books
- Hobbies: Cycling, and in-door games like Chess.

Personal Details:

- Date of Birth: 08 June, 2000
- Gender: Male
- Languages Known: English, Hindi and Marathi.
- Nationality: Indian