

Vedang Wartikar

vedangwartikar.tech [↗](#)
vedangwartikar17@gmail.com | +91-8793103499

EDUCATION

PUNE UNIVERSITY

BE IN COMPUTER ENGINEERING

July 2020 (Expected) | Pune, India
Marathwada Mitramandal's College of Engineering
First Class with Distinction
Cum. GPA: 8.60 / 10.0
Final Year. GPA: 9.23 / 10.0

SP COLLEGE

10+2 SCIENCE (HSC)

March 2016 | Pune, India
Percentage : 80.88

LINKS

Github:// [vedangwartikar](#)
LinkedIn:// [vedangwartikar](#)
LeetCode:// [wartikar](#)
HackerRank:// [vedangwartikar17](#)

COURSEWORK

UNDERGRADUATE

Data Structures and Algorithms
System Programming and Operating Systems
Software Engineering and Project Management
Artificial Intelligence and Robotics + Practicum
Machine Learning + Practicum
Computer Graphics + Practicum

SKILLS

PROGRAMMING

Proficient:
Python • C/C++ • ML/AI • Git • MySQL
Expert:
UNIX/Linux • Java • JavaScript • Docker
• HTML/CSS
Familiar:
Tensorflow • ReactJS • Ansible • RegEx

ACHIEVEMENTS

Secured **1st rank in Tech-Rex National Level Technical Quiz** organized under CSI
LeetCode: 3* Coder. Solved over 250+ Problems. Completed April - June LeetCode Challenges
HackerRank: 5 Stars (Gold Badge) in Problem Solving and Python
Qualified for Google CodeJam 2020

EXPERIENCE

PERSISTENT SYSTEMS | PROJECT INTERN

June 2019 – June 2020 | Pune, India

- Worked on a centralized **Slack-API based DevOps System** [↗](#) which manages automation tasks on interconnected PCs.
- Automation scripts are written in Python with real-time messaging support from Slack-API. RedHat Ansible, isolated inside a Docker container, is used to deploy these scripts to target PCs.
- User queries are processed using NLP and Machine Learning.

PROJECTS

SORTING VISUALIZER [↗](#)

Visualization using ReactJS

The Sorting Visualizer explores different sorting techniques like Bubble Sort, Insertion Sort, Merge Sort, etc. The visual representation helps in realizing how sorting techniques actually work.

VIRTUAL FILE SYSTEM [↗](#)

UNIX SYSTEM INTERNALS USING C

The Virtual File System provides all the necessary UNIX file subsystem functionalities such as commands and system calls through a customized shell.

AUTO SCHEDULED LOG REPORT MAILER [↗](#)

AUTOMATION USING PYTHON

The automation script creates a Log file of the running processes including their PIDs, memory usages. This file is mailed to the specified server email through automated periodic scheduling.

PROCESS MONITORING TOOL [↗](#)

WINDOWS SYSTEM INTERNALS USING C++

Process Monitoring Tool (ProcMon) provides detailed information of all the running processes (.exe files) on a Windows NT machine. It includes additional features such as terminating a specific process and creating a log file.

BANK MANAGEMENT SYSTEM [↗](#)

DESKTOP APPLICATION USING JAVA

Bank Management System provides all the necessary features for accessing and modifying user accounts. It maintains all user transactions such as transfer, withdrawal and deposit.

PUBLICATIONS

- [1] V. Wartikar, S. Tahasildar, M. Phatak, and S. Patil. Face recognition system for surveillance. *International Journal of Emerging Technologies and Innovative Research (JETIR)*, 2019.

MOOC CERTIFICATIONS

Algorithms Specialization

STANFORD ONLINE | COURSERA (Issued April 2020)

Machine Learning: Hand-On Python and R in Data Science

UDEMY (Issued Nov 2019)