SHRISHAIL KUMBHAR

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EDUCATION

Pimpri Chinchwad College of Engineering, Pune, India (Affiliated to Savitribai Phule Pune University)
Bachelor of Engineering in **Computer Engineering** (CGPA**: 9.93/10**)   **August 2018 – June 2022**
Warana Mahavidyalaya, Warananagar 12th board (88.15%)   **June 2017– May 2018**

PUBLICATIONS & PATENT

Topical Survey on Computing Solutions for Plant Disease Classification using Deep Learning Techniques in *Advances in Image and Data Processing using VLSI Design*   (*Accepted*) **May 2021**

Review of Deep Learning Models for Mask Detection and Medical Sensors for IoT based Health Care System in *IEEE International Conference on Computational Intelligence and Computing Applications-21*   (*Accepted*) **Nov. 2021**

Parallel and Edge Computing Techniques for Computer Vision Models on Embedded Devices in *Springer- International conference on Emerging trends and Innovations in ICT (ICEI)*   (*Accepted*) **March 2022**

Patent on IoT based Portable Health Monitoring System using Edge Computing
Intellectual Property Right (Application No. 202221028427)   **Filed: May 2022**

WORK EXPERIENCE

LTIMindtree   **Pune, India**
Software Engineer   **Jul. 2022 - Present**
- I received training in SQL and PL/SQL. I have gained knowledge of Angular framework while working on internal projects and through online trainings.

Raja Software Labs   **Pune, India**
Web Development Intern   **Dec. 2021- May 2022**
- I explored the EmberJs technology while working on the LinkedIn page migration project. Here, I acquired a variety of skills, including how to communicate effectively, operate in a team, and manage my time. Internship Certificate

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PROJECTS

IoT based Health Management System using Edge Computing   **Nov. 2021 –Feb. 2022**
- Device to check if a person is wearing mask & has a healthy heart rate using M5Stack Core2, ESP32CAM, AWS IoT, Edge Impulse.
- 3D Printing and Circuit Design are used to build a complete prototype that is enclosed in a case and can be used in offices & schools.

Sketch Gallery Sketch gallery website   **Oct. 2021**
- It is a personal project developed to showcase sketches.
- To better understand HTML and CSS through practical application.

Coding Kid https://coding-kid.web.app/   **Jul. 2021 - Aug. 2021**
- A Quiz Solving Platform with Online Coding Compiler. Made using HTML/CSS, NodeJS, Firebase, ReactJS.
- It includes quizzes for 6th to 10th std students with IDE for coding.

Air Quality Analysis   **May 2021**
- The project was developed to analyze change in air quality due to lock-down in metro cities.
- The project provided practice using Python for data analysis and machine learning.

https://colab.research.google.com/drive/1wsStDCCbUfZ20t-inu2fEderOaw98-8k.

SKILLS & INTEREST

Languages- C++ (Intermediate), Python(Intermediate), Java(Basics)
Web-Technology- HTML, CSS, BootStrap, JavaScript(ReactJs, EmberJs), Angular
Databases- Firebase, SQL (Oracle Certified SQL Associate) Certificate, MongoDB
Technologies- Machine Learning.
Interests- Web Development, Competitive Coding, Machine Learning.

ACHIEVEMENTS AND ACTIVITIES

HackMed UK Hackathon - Third Prize and Best Accessibility Hack as Bionics Hack Winner   **April 2021**
https://devpost.com/software/two-way-sign-language-translate
HackAccessibility Hackathon -Won Donation prize of 200$(donated to charity)   **April 2021**
Paper Presentation – First Prize in paper presentation at TKIET's Edureka event.   **June 2021**
https://drive.google.com/file/d/1hFY_oZzVhqFnpcesR_CmoRy5GIqdQwNT/view?usp=sharing