

ADITYA U KAPADNE

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SKILLS

Java	Python	React.js	SQL	AWS
JavaScript	Docker	GitHub	Kubernetes	
Angular	HTML5	CSS3	Git	Azure
RestAPI	Tomcat	UI/UX	Machine Learning	

WORK EXPERIENCE

Persistent Systems

Software Engineer

July 2022- Present

Currently working on an in-house developed Product called PRD (Persistent Responsive Dashboard)

- Help finding and resolving issues found in the PRD with the help of backend development team using **Angular, HTML, CSS, Typescript and JavaScript**.
- Developing customer centric Use cases and workflow for dashboard(s) such as **creating dummy websites** and hosting on **Apache Tomcat**, setting up **Docker containers** and running on **Kubernetes pods**.
- Establishing **relational databases** in **MySQL, PostgreSQL** for dashboards, **creating dummy datasets, creating scripts** to fetch data from client websites via. **RestAPI**.
- Working on **UI/UX** of the dashboard.
- Working with **Linux based VMs**.

Intern

Feb 2022 – July 2022 (6 MONTHS)

Had an opportunity to explore closely and learn about **Full stack development** and work on technologies such as **Java, Java MVC, Spring, Spring boot, React.js, DevOps & DevSecOps**.

INTERNSHIP on Sleep Apnea Detection using Android and Machine Learning.

Virtual Labs, CoEP (2 MONTHS)

- **Development of a Mobile Application** using **Python** and using **Machine Learning (SVM)** to detect Sleep Apnea which **reduces complexity of detection** and thus **reducing cost**.

EDUCATION

BACHELOR OF ENGINEERING

(ELECTRONICS & TELECOMMUNICATION with HONORS IN IoT.)

2018-2022 / Savitribai Phule Pune University / Maharashtra, India.

International Institute of Information Technology, Pune.

- Aggregate: **(8.12 CGPA)**

12th SCIENCE

(SCIENCE)

2017-2018 / HSC Board / Maharashtra, IN. Modern High School and Junior College.

- Percentage: **67.5%**

10th STANDARD

2015-2016/ SSC Board / Maharashtra, IN. St. Andrew's High School.

- Percentage: **83.8%**

PROJECTS

- **Drowsiness Detection using OpenCV, Dlib and Python with RaspberryPi.**
 - i. Face and Eye movement detection using **Machine Learning** libraries such as **OpenCV** and **Dlib** to avoid accidents.
(Python, Machine Learning, IoT)
- **(Mini Project) Automated Glass Cleaner Robot (IoT + software).**
 - i. Vacuum Suction Robot with anti-dropping system, Successful Designing and Simulation.
(Assembly C: Arduino IDE, IoT sensors and actuators)

PARTICIPATION

Texas Instruments Smart India Hackathon.

Topic: Bridge Safety Mechanism using depth sensors and actuators to avoid fatalities due to flooding every year.