

Education

M.S | COMPUTER SCIENCE | AUG. 2019- DEC. 2021 | CALIFORNIA STATE UNIVERSITY-SACRAMENTO

Related coursework: Cloud Computing, Machine Learning, Advance Data Communication Systems, Software Requirement Analysis and Design, Database Management Systems, Human Computer Interaction, Computer Architecture, Programming Language Principles.

B. E | COMPUTER ENGINEERING | JUNE. 2013 - JUNE 2017 | PUNE UNIVERSITY

Related coursework: Operating System Design, Computer Networks, Design and Analysis of Algorithm, Data Mining.

Experience

Process Executive | Nvidia Graphics

(Oct 2017- Feb 2018)

Tech Stack: Python, Cloud Computing, Artificial Intelligence.

- Worked on the Autopilot Project for USA, Germany, Japan.
- Auditing and Quality Assurance of the annotations marked by labelers.
- End to end Implementation of the images on the AI machine.

Software Engineer Intern | MenInTech Services

(Mar 2018- Feb 2019)

Tech Stack: Python, Java, Networking, HTML & CSS, Bootstrap, Vuejs, React, jQuery.

- Developed Billing Invoice application which includes Adding, Managing, and also Display due and Search History of the customers.
- Developed website for a company named TMT based in Pune.
- Developed software's following the process of SDLC.

Projects

Sentiment Analysis of Movie Reviews

(Aug 2019- Dec 2019)

Tech Stack: Python, Random forests, Regression, Naïve Bayes, SVM, TF-IDF, Hyper Tuning.

- Developed a machine learning model to predict the reviews given by the user as positive or negative.
- Best Accuracy Obtained was for Logistic Regression of 88.52%.
- GitHub Link: [Click Here](#)

Acoustic Based Encounter Profiling

(Jan 2020 – May 2020)

Tech Stack: Android Studio, Java, Sensors, voice profiling, acoustic frequency, Sliding Window Protocol.

- Developed an android application RAY that emits acoustic signals transmission by using sensors from the smartphones.
- Includes 2 phases first is Detecting the Approach and second is voice Profiling.
- Achieved accuracy of 6.81% for False Positive and 9.46% for False negative.
- GitHub Link: [Click Here](#)

SearchX

(Jan 2020- May 2020)

Tech Stack: HTML, CSS, JavaScript, jQuery, Nodejs, Web Crawler, bootstrap.

- Developed interactive search engine which builds search queries based on user responses.
- Uses keywords to filter out unnecessary searches and provide optimal search results.
- GitHub Link: [Click Here](#).

Smart Door Lock System based on Bluetooth

(May 2016 – May 2017)

Tech Stack: Java, Servlet, MySQL, Motion Sensors, Pipeline Architecture and embedded C, Passive Infrared, Android Studio.

- Developed a system that uses Bluetooth technology to establish connection with user and the PC Admin so as to access the door.
- Android app was developed for the owner to interact with the system so as to get live feed.
- System includes features like SMS, Email, anti-burglar, motion sensors.
- GitHub Link: [Click Here](#). IEEE Paper: [Click Here](#)

Zomato Restaurant Finder

(Jan 2019- Feb 2019)

Tech Stack: HTML, CSS, JavaScript, jQuery, Nodejs, Web Crawler, bootstrap, Rest API.

- This website fetches data from Zomato API and displays the result based on the input provided by the user
- Website Link: [Click Here](#).

Mobile Store

(Feb 2019- Mar 2019)

Tech Stack: HTML, CSS, JavaScript, jQuery, Nodejs, bootstrap, React, Redux, React Router.

- This website allows the user to select mobile they wish to buy.
- It's also incorporated with a checkout option via PayPal for buying the mobile.
- Website Link: [Click Here](#).

Skills & Abilities

Programming Languages

- Java and frameworks, Python, C, C++,

Client / Server Technologies

- HTML, CSS, JavaScript, NodeJS, Bootstrap, React and React Router.

Databases and Cloud Platforms

- SQL, MySQL, Mongo DB, Apache Hive, HBase

Tools and Packages

- RStudio, Jupyter Notebook, TensorFlow, CNN, SVM, Tableau, GitHub, Postman, NetBeans, AWS, Adobe.