

PROFILE SUMMARY

A self-driven computer science enthusiast with a strong foundation in algorithms and logic. Proficient in Python, JavaScript, and Node.js. Passionate about programming and problem-solving. Diligent, innovative, and willing to contribute ideas and learn new things.

EDUCATION

The University of North Carolina at Charlotte, Charlotte, North Carolina

Expected: **May 2021**

Master of Science (MS) in Computer Science

GPA:4.0

Courses: Algorithms and Data Structures, Machine Learning, Big Data Analytics, System Integration, Network Based Application Development, Cloud Computing for Data Analysis, Knowledge Discovery in Databases, Computer Communication and Networks, Intelligent Systems

Fr. Conceicao Rodrigues College of Engineering, Mumbai University, India

July 2019

Bachelor of Engineering (BE) in Information Technology

GPA:3.7

TECHNICAL SKILLS

Programming Languages: Python, Java, JavaScript, SQL, C++

Web technologies: ReactJS, Node.js, Express, Webpack, Babel, Redux, Context API, HTML5, CSS3, Bootstrap, JSON, REST API

Tools: Git, Docker, DigitalOcean, Figma, Visual Studio Code, Android Studio, Eclipse, Jupyter Notebook, Orange, Weka, Virtual Box

Platforms: Windows, Linux

Database Systems: MongoDB, MySQL, Google Firebase

Knowledge: Object Oriented Design, Agile Methodology, Software Project Management

PROFESSIONAL EXPERIENCE

Atomic DEV, INC., CA | Start-up: Zero-Code Application | Web Developer Intern (Frontend)

Jul 2020 – Sep 2020

- Designed and implemented components such as **modals**, **search bar**, and other functionality based components.
- Responsible for style, look, and feel of the components using **Styled Components(ES6 and CSS)**.
- Used Middleware, **Redux-Promise** in application to retrieve data from Back-End and to also perform **RESTFUL** services.

Technology: ReactJS, Styled Components, Redux, JavaScript(ES6)

ACADEMIC PROJECTS

"IT Logger" (MERN stack) [Hosted](#)

Jul 2020

- Developed a web application utilizing ReactJS components, **Redux**, Events, **Router**, Animations, and **Express framework** to manage IT issues of an organization.
- Integrated **MongoDB-Atlas** using schema design and document creation to store logs

Technology: React (Hooks, Redux), Node.js(Express), MongoDB, Mongoose, JSON server, Postman, Materialize CSS, Heroku

"Github Finder" [Hosted](#)

Jun 2020

- Developed single page application with **Github API** for displaying JSON retrieved data using React.
- Searches Github users using the submitted text and display the result in a grid format.

Technology: React (Hooks, Context API), Express, Netlify, GitHub API

"Contact Keeper" (MERN stack) [Hosted](#)

May 2020

- Built an application to manage specific user contacts, with a focus on security using **JWT token-based authentication** for private routes, **salt hash** for password storage and Server Side validation using **Express-Validator**
- Utilized **Context API** for app-level state management.

Technology: React.js (Hooks, Context API), Node.js(Express), MongoDB, Mongoose, JWT, Postman, Bootstrap, Heroku

"TechNest"-Meetup Website (Working: transforming to React)

Feb 2020

- Created a responsive, dynamic website using **Node and Express-MVC architecture**
- Performed session management using **express-session** middleware
- Scaled the application using **MongoDB** with the help of **Mongoose ODM** library

Technology: HTML5, CSS3, JavaScript, Bootstrap, Node.js(Express), MongoDB, Mongoose ODM, Static and Dynamic templates

Loss Ratio Modeling for Auto Insurance (1st Rank in Intra-class Kaggle Competition)

Dec 2019

- Managed real-world Auto Insurance data comprising of 5 Lakh records with around 20% missing values
- Performed Data cleaning using **Regression/KNN** Imputation, outlier detection, and substitution techniques
- Extracted relevant features by using **LASSO regression** and auto insurance domain knowledge
- Applied **Random Forest** model for predicting the Loss Ratio which yielded **RMSE of 0.58**

Technology: Python 3.0, Jupyter Notebook, Excel, scikit-learn, Pandas, SciPy, NumPy, Matplotlib, Seaborn

Forest Cover Type Prediction

Nov 2019

- Evaluated the best combination of feature selection algorithm (**PCA, LASSO**) and predictive model (**KNN, Logistic Regression, Decision Tree**) for UC Irvine's Forest Cover Type Dataset
- Achieved an accuracy of 94.06% by incorporating **Bagging and Ensemble** techniques

Technology: Python 3.0, Jupyter Notebook, scikit-learn, Pandas, SciPy, NumPy, Matplotlib, Seaborn, Keras