

SHIVANG MEDHEKAR

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OBJECTIVE

To secure an entry-level Software Engineer position, utilizing technical skills to drive growth and success.

EDUCATION

Stevens Institute of Technology, Hoboken, NJ

August 2021 - Dec 2023

Master of Science in Computer Science

GPA: 3.42/4.0

Courses: Web Programming, Algorithms, Deep Learning, Intro to Cloud Computing, Web Programming 2, Project Management Fundamentals, Agile Methods for Software Development and Knowledge Discovery and Data Mining, Machine Learning Fundamentals and Application, Distributed Systems.

University of Mumbai, Mumbai, MH, IND

August 2016 - October 2020

Bachelor of Engineering in Computer Engineering.

GPA: 3.0/4.0

Related Courses: Algorithms and Data Structures, Object-Oriented Programming, Software Engineering, Big Data, Database Management Systems, Artificial Intelligence.

TECHNICAL SKILLS

- **Programming Languages :** Python, JavaScript, Java & C++
- **Web Frameworks :** node.js, React, TypeScript, SQL, HTML, CSS, AJAX, REST APIs, JSON & XML
- **AI/ML Frameworks :** TensorFlow, PyTorch, scikit-learn & Keras
- **Devops :** Docker, Kubernetes, Unix, Linux Operating Systems, Unit Testing, JIRA

WORK EXPERIENCE

CMP Infotech - Software Intern

Nov 2018 - Jan 2019

- Developed the shopping cart module for the project which allows users add and modify products in their cart as well as checkout safely using **ASP.NET**.
- Implemented user creation and authentication design into code designed by team member.

Laqshya Infosoft Solutions - Software Intern

Dec 2017 - Feb 2018

- Worked on **Android Application Development** Project, 'Make My PC', which provides users PC specifications to help them build a custom PC based on their needs.
- Developed apps functionality to access, retrieve and store data in database with code written in **Java** and **SQLite** Database.

ACADEMIC PROJECTS

Airline Passenger Satisfaction

Fall 2022

- Developed a passenger satisfaction predictive model in **Python** using Kaggle dataset with 24 features.
- Implemented and compared **8 machine learning models** and optimized model performance using Grid Search CV and Randomized Search CV.
- **XGBoost** achieved an accuracy of **96.14%** among all models evaluated using AUC-ROC, Confusion Matrix, F1, Recall, and Precision.

Intune - (Spotify x Discord)

Spring 2022

- Built a web application with **React**, **Node**, and **Express** to develop a music playback app wherein the users may join chat rooms and listen to songs that sync for all users while chatting about it.
- Utilizing **Spotify Developer API** and **Spotify Web Playback SDK**, the user library and search functions were implemented for the app's user interface. **Spotify Auth 2.0** Authentication has been integrated, and the application is deployed on **Vercel**.

Catch Movies in Action

Fall 2021

- Programmed a web application using **Node** and **Express** to implement a movie booking app with the help of **AMC Developer API**. Designed and implemented database schema for movies, theater, showtimes, users and orders stored on **MongoDB Atlas**.
- Incorporated notable features such as different screen layouts for theaters, upcoming and now playing movies to be displayed by filter over genre and language. Deployed web app on **Heroku**.