

ATHARVA DESHPANDE

Philadelphia, PA 19103 • +1 (215) 730 - 4623 • atharva.deshpande228@gmail.com • [LinkedIn](#) • [GitHub](#) • [Portfolio](#)

EDUCATION

Master of Science, Computer Science | Drexel University

June 2021

Bachelor of Engineering, Computer Engineering | University of Mumbai

May 2019

TECHNICAL PROFICIENCY

Languages: Python, JavaScript ES6, C, C++, Java, SQL, NoSQL, Golang

Frameworks: Tkinter, Flask, .NET v4.5, AngularJS, React-native, ReactJS, Redux

Web Technologies: NodeJS, HTML, CSS, SCSS, Sass, Bootstrap v4, jQuery

Software and Tools: MongoDB, PostgreSQL, Git, AWS, Docker, ExpressJS, Android Studio, VMWare, XAMPP, Oracle, Microsoft Word

Operating Systems: Windows, Linux

EXPERIENCE

WISE(Women's Islamic Initiative in Spirituality & Equality)

New York City, USA

Front End Developer Intern

Sep 2020 – Dec 2020

- Maintained and updated the current website using HTML and CSS to make it more intuitive which improved the user feedback.
- Worked on improving the Search Engine Optimization (SEO) of the website which improved its Google search engine rank by 4 places for its homepage making it the top result for some searches and an average of 5 places for other pages.
- Built a responsive art gallery with irregular placement of the art pieces to make to look modern and attractive in desktop view and a single file line in mobile view.
- Managed the art gallery for the website for freelance artists which improved the site visits by 25%.
- Improved the intra-connectivity of the website by removing dead links and created a roadmap for the links in the website.

Trivia Softwares

Mumbai, India

Project Intern

Jan 2019 – Apr 2019

- Evaluated experiments, extracted data, and designed a Management System based on the collected data.
- Created a dynamic splash screen by scraping data from a quote website using a python package called 'BeautifulSoup4'.
- Developed an application for 'Student Management System' that met the business and user goals, increasing user satisfaction by automating the student data handling process.
- Maintained SQL scripts, indexes, and complex queries for analysis and extraction.

TECHNICAL PROJECTS

Jobs API (NodeJS, ExpressJS, MongoDB)

Personal Project | Dec 2021 - Feb 2022

- Developed a server-side application that handles creating, retrieving, updating, and deleting a job using NodeJS and ExpressJS.
- Integrated a non-relational database(MongoDB) to interact with the data.
- Users can create an account and log in with JWT authorization to retrieve all jobs related to the user.
- Added custom error handling with specific error messages to improve user experience with some added security packages provided for ExpressJS and NodeJS.

API Development (Using AngularJS, HTML, CSS, TypeScript)

Personal Project | Jan 2021 - Feb 2021

- Developed a responsive frontend for the website using the Angular JavaScript framework on an employment management service.
- Created a local server to collect the data with Angular Web API package.
- Used observables and RESTful API services to interact and operate on the data.

Loan Prediction System (Using HTML, JavaScript, Bootstrap, Python Flask, SQLite, Python)

Drexel University | Jan 2020 - Mar 2020

- Developed a web-based loan prediction system using Python which was trained and tested with 918 total loan instances and used various machine learning classification algorithms to check the eligibility of the customer for a loan.
- Implemented various algorithms like Logistic Regression, Naïve Bayes, Decision Tree, Random Forest, and Support Vector Machine and selected the algorithm which gives the maximum accuracy.
- Accepted input from the user in a form, stored the data in a database in SQLite and used the data to predict whether a user is likely to get a loan, with an accuracy of 80.61%.

Ecommerce Website (Using ReactJS, HTML, CSS, JavaScript, Bootstrap)

Personal Project | Dec 2019 - Apr 2020

- Developed a responsive frontend for the website using the React JavaScript framework on a phone store.
- Implemented a fully functional cart with options to increase/decrease the quantity in the cart, remove an item, clear the cart with a responsive frontend for the cart receipt.
- Included product details for improved user interaction and satisfaction.

PROFESSIONAL AFFILIATIONS

Computer Science Institute of Electrical and Electronics Engineers (IEEE)

2019 – Present

Drexel University Institute of Electrical and Electronics Engineers Graduate Forum (DIG)

2019 – Present