

Disha Shetty

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EDUCATION

Binghamton University, State University of New York, Thomas J. Watson College of Engineering and Applied Science

Master of Science in Computer Science | Cumulative GPA: 3.60/4.00

May 2024

Relevant Coursework: Operating Systems, Design and Analysis of Algorithm, Programming Languages, Database Systems, Cloud Computing, Design Patterns, Introduction to Computer Security, Social Media and Data Science Pipeline

University of Mumbai

May 2019

Bachelor of Science in Engineering, Computer Science | Cumulative GPA: 3.36/4.00

PROFESSIONAL EXPERIENCE

Creatrify, Junior Front-End Developer Intern | Los Angeles, California, US

January 2024 – May 2024

- Developed new options on the website's homepage for users to purchase one-on-one sessions and schedule live streams, while also collecting user information and sending mobile notifications to send updates about offers by utilizing **Angular 15** framework
- Optimized frontend performance using lazy loading, ensuring smooth user experience of website by 25% in page load times
- Collaborated with UI/UX designers and backend developers to integrate APIs and services and identify defects to ensure compatibility with mobile and website versions, presenting potential solutions to leadership team and CEO by utilizing **Atlassian Jira** tool and **Bitbucket**

Atos Syntel, Software Engineer | Navi Mumbai, India

September 2019 – July 2022

- Served as a full-stack developer, managing websites through the implementation of session management, caching, cookies; executed deployments to higher environments using real-time publishing, ensuring the delivery of web pages tailored to client specifications
- Designed an easy-to-use frontend UI system utilizing **Vue.js** by integrating backend data with **Java** and **Java Server Pages (JSP)** and integrating APIs with cross-functional teams by utilizing **Postman**; spearheaded the design and integration of an innovative international calling benefits workflow for 192 countries, pivotal to the framework of the worldwide EXPO 2020 Dubai
- Demonstrated and gained expertise in project management within the telecommunications sector, successfully leading the development of 25 Change Requests (CRs) Projects by utilizing a paced **Agile** methodology
- Developed Solution Designs for nearly ten CRs, reviewing and refining each one with respect to impacted domain-lead team for dashboard revamp by presenting additional features to the users

WesTech Process Equipment Private Limited, Process Engineer Intern | Mumbai, India

June 2018 – July 2018

- Upgraded UI for risk assessment tool by organizing the tool into sections, controlling workflow, and developing methodology to identify and access areas of high risk with help of **React.js** resulting in a positive user experience
- Designed pipelines using **AutoCAD**, verifying Piping and Instrumental Diagrams and layouts; compiled detailed lists of equipment and instruments for specific section of the diagram

PROJECT EXPERIENCE

Artists' Success Trends Analysis, Developer | Binghamton, NY (Academic Project)

August 2023 – December 2023

- Led a team of five to conduct trend analysis on musicians who are trending on Spotify and whose songs were on the top charts by gathering real-time data from Spotify and Reddit API with the help of **faktory** and **OAuth2** for storing data in **MongoDB**
- Conducted domain analysis on top music related subreddits such as r/Music, r/Spotify using **DataFrames** and **JSON**; devised and answered three research questions primarily utilizing **matplotlib** to analyze the trends
- Designed and developed an interactive webpage using **Flask** to generate custom graphs which answers correlation, sentimental and predictive analysis enabling user input for dynamic projection

Audio Rooms using Web RTC, Front-End Developer | Binghamton, NY (Academic Project)

February 2023 – April 2023

- Engineered a Cloud Project that enables user group collaboration and audio sharing through link-sharing functionality
- Employed key Cloud Services including **Amazon Load Balancer/Elastic Container Service** and **DynamoDB** to establish robust connections
- Utilized **React.js** for website design, **Spring Boot for Rest API**, and **Docker** for efficient image generation in the project's development

du Telecom, Full Stack Developer | Navi Mumbai, India (Product Development Project)

November 2019 – July 2022

- Utilized **Oracle WebCenter Sites (OWCS)** tool for creating lightweight and responsive web application by using **JavaScript** and **Vue.js** for a scalable portal with over one million customers; integrating with back-end webservices by using **Java 8**; **Oracle Database** for Plan Storage
- Functioned as a full-stack developer in the Selfcare domain, integrating **HTMLs** with **REST APIs** and **SOAP UI**; developed API structures in JSON format based on **XML** references and facilitated payment flows using **MasterCard Internet Gateway Services**
- Crafted responsive websites using **HTML5**, **CSS**, and **JavaScript**, integrating **AJAX** calls for API interactions; ensured testing in high environments before deploying production code in response to Change Requests

TECHNICAL SKILLS

Programming Languages: Java 11, Python, JavaScript, TypeScript, PHP

Web Technologies, Frameworks and Libraries: Vue.js, Angular, React.js, HTML, CSS, Flask, RESTful APIs, jQuery, AJAX

Software and OS: Linux, Eclipse, Spring Boot and Micro Services, Oracle WebCenter Sites, Postman, Jira, WordPress

Cloud Platform and Databases: AWS, Google Cloud Platform (GCP), MySQL, Oracle SQL, MongoDB

Skills and Data Formats: Data Visualization, Database Management, Data Manipulation, JSON, XML

Version Control Systems: Git, GitHub, Bitbucket

LEADERSHIP EXPERIENCE

Residential Life, Summer Operations and Conference Assistant | Binghamton, New York

May 2023 – July 2023

- Managed records for the guest check in and check out procedures, serving as an information resource for conference guests
- Assisted with end-of-year damage billing; making sure all the furniture and equipment are in the appropriate locations and identified the resources that are required at the Residential Halls

Blood Donation Camp, Event Coordinator | Navi Mumbai, India

October 2016 – October 2018

- Orchestrated a successful event with a dedicated team of 20 individuals, effectively leveraging social media for widespread publicity