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

TECHNICAL SKILLS

Programming Languages: C++, Java SE, Python, JavaScript, TypeScript, JSON, XML
Web Technologies, Frameworks and Libraries: Vue.js, Angular, React.js, HTML5, CSS3, Flask, RESTful APIs, jQuery
Cloud Platform and Databases: AWS, Google Cloud Platform (GCP), MySQL, Oracle, MongoDB
Software and OS: Linux, Eclipse, Spring Boot and Micro Services, Oracle WebCenter Sites, Postman, JIRA
Skills: Data Visualization, Database Management, Data Manipulation
Additional: Git, GitHub, Bitbucket, AJAX

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

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