# 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                                    **Expected**: **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

**Lokmanya Tilak College of Engineering, Navi Mumbai, affiliated with Mumbai University**                 **May 2019**
*Bachelors in Engineering, Computer Science* | Cumulative GPA: 3.36/4.00

## TECHNICAL SKILLS

**Languages**: C++, C, Java SE, Python, JavaScript, TypeScript
**Web Frameworks:** Vue.js, Angular, React.js
**Databases:** MySQL, Oracle, MongoDB
**Software and OS:** Linux, Eclipse, Spring Boot and Micro services, Oracle WebCenter Sites, Postman
**Skills:** Data Visualization, Database Management, Data Manipulation, Figma
**Additional:** HTML5, CSS, jQuery, Git, GitHub, JSON, AJAX

## PROFESSIONAL EXPERIENCE

**Atos Syntel,** *Developer | Navi Mumbai, India*                                          **September 2019 – July 2022**
- Served as a full-stack developer, managing websites through the implementation of session management, caching, and 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; spearheaded the design and integration of an innovative international calling benefits workflow, pivotal to the framework of the worldwide EXPO 2020 event in Dubai
- Demonstrated expertise in project management within the telecommunications sector, successfully leading the development of 25 Change Requests Projects utilizing a paced Agile methodology
- Developed comprehensive Solution Designs for ten Change Requests, meticulously 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**
- Collaborated and worked under a Process Engineer, gaining insights into market demands for current equipment
- 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 good user experience
- Proficiently designed pipelines using AutoCAD, meticulously verifying Piping and Instrumental Diagrams and layouts; compiled detailed lists of equipment and instruments for specific sections of Piping and Instrumental Diagrams

## PROJECT EXPERIENCE

**Artists' Success Trends Analysis,** *Developer | Binghamton, NY*                              **August 2023 – December 2023**
- Led a team of five to conduct a trend analysis on Artists' whose songs were on the Top Charts by gathering real-time data from Spotify and Reddit API with help of faktory and OAuth2 storing the data in MongoDB
- Conducted domain analysis on top music related subreddits such as r/Music, r/Spotify using data fames and JSON and devised and answered 3 research questions; majorly 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 projections

**Audio Rooms using Web RTC,** *Front-end Developer | Binghamton, NY*                          **February 2023 – April 2023**
- Engineered a Cloud Project that enables seamless 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
- Leveraged cutting-edge technologies such as ReactJS for website design, Spring Boot for Rest API, and Docker for efficient image generation in the project's development

**du Telecom,** *Full Stack Developer - Contract Project | Navi Mumbai, India*                  **November 2019– July 2022**
- Utilized Oracle WebCenter Sites for development, installing and configuring on servers, and implementing change requests; employed Java8+, JavaScript, Oracle Database, and Vue.js
- 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 rigorous 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 comprehensive records for the guest check in and check out procedures; serving as an information resource for conference guests
- Assist with end-of-year damage billing as needed; making sure all the furniture and equipment are in the appropriate locations and identify the resources that are required at the Residential Halls

**National Level Conference,** *Publicity Head and Documentation Head | Navi Mumbai, India*      **March 2017 – March 2019**
- Collaborated with diverse student organizations across colleges, spearheading event promotion and meticulously managing paper submissions resources that are needed at all 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
- Managed intricate logistical details, including coordination with local hospitals and doctors, arranging transportation for beds, securing suitable

**Computer Engineering Students Association,** *Coordinator | Navi Mumbai, India*               **October 2018 – March 2019**
- Coordinated professional development initiatives, organizing engaging events such as technical workshops, arranging insightful employers trek
- Orchestrated variety of campus events; managing and tracking the expense budget for the campus events provided by the college