

# PARTH DOSHI

+1(470)838-0620 • parthketandoshi@gmail.com • Atlanta, GA-30324  
parthketandoshi.github.io • linkedin.com/in/parthketandoshi • github.com/parthketandoshi

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## PROFESSIONAL EXPERIENCE

**Georgia State University** - Graduate Research Assistant, Computer Information Systems Department August 2022 - Present

- Conducted research on Advances in Digital Business Strategy & Fundamentals of Robotic Process Automation

**Zycus Infotech Pvt Ltd** - Associate Software Engineer, UI Centre of Excellence Team April 2021 - August 2022

- Implemented UI theme for AppXtend platform pages, developed and enhanced launch points and manifestation areas
- Contributed to and Authored documentation for components, dashboards, processes, and best practices
- Liaised between UX design team & development team to check viability of design decisions and WCAG & A11Y Compliance
- Created an automation script for generating icons eliminating half-day manual effort and the scope of human error
- Implemented 20+ enhancements in the Performance Evaluation Dashboard to get granular visibility of all products
- Trained 8 resources through Knowledge Sharing & Knowledge Transfer sessions
- Earned Zycus individual recognition award for performance and agility twice

**Trainee Software Engineer** January 2021 - April 2021

- Analyzed business requirements and executed feature development and bug fixes for 30 components in DewDrops CoE
- Developed Global Delivery and Customer Relationship Management System Dashboard for consumption by management
- Enabled 16 product teams and app teams for embedding components from the component library into their products
- Implemented Proof of Concept and Feasibility Check for 2 components, Icon Library Automation and its Enhancements
- Implemented Java 11 Upgrade and Removed Dependencies on Public Repositories for Language Management System

**CampK12** - Tech Mentor April 2020 - May 2020

- Taught Android Development, VR Development & Web Development to 47 K-12 students with an overall rating of 4.76 on 5

**Fube Technology, Malaysia** - Software Development Intern (Remote) December 2018 - March 2019

- Contributed to Yodais and Jom Channel products for Fube Technology, for the Frontend development of a Bootstrap based website

**Trivia Software** - Android and Python Application Development Intern July 2018 - August 2018

- Developed an Android App for Calculating BMI with UI, APIs, shared preferences, and an interactive splash screen
- Implemented a desktop app using Python to manage a student database with GUI, APIs, and different Packages in this project

**Toppr** - Content Editor, WordPress Administrator and SEO Manager Intern (Full-Time) February 2018 - June 2018

- Joined as a content editor and further worked on WordPress Administration, MathJAX, SEO and also managing other writers

## VOLUNTARY EXPERIENCE

- Founding member and core team member at TAPtheTECH (NGO, YouTube Channel & Coursera Learning Hub)
- Volunteer at Teach For India project under Teach to Lead Foundation, September 2020 to December 2020

## EDUCATION

**Georgia State University, J. Mack Robinson College of Business** Atlanta, GA

Master of Science in Information Systems, Digital Innovation, **Current GPA - 3.93** July 2023

Bootcamps & Trainings: Python, Tableau, Salesforce, UX Research, Product Management, SAFe POPM 5.1, CSPO® Certification

Courses: SAP S/4HANA, Data Analytics, DBMS, Machine Learning, Artificial Intelligence, Blockchain, IoT

**University of Mumbai** Mumbai, India

Bachelor of Engineering, Computer Engineering, **Overall GPA - 3.0** October 2020

- General Secretary of Indian Society for Technical Education Student's Chapter leading the student council for AY 2017-18
- Head for Industrial Visit and Outbound Activity to Bhira hydroelectric power plant and Empower Activity Camp
- Guest Speaker for Tech Routes webinar organized by Computer Society of India, KJSCE Student Chapter
- Meritorious participant in Google HashCode, TCS CodeVita, and Infosys HackWithInfy coding competitions

Courses: Data Structures & Algorithms, Object-oriented Programming, Human Machine Interaction, Natural Language Processing

## SELECTED PROJECTS

**Angular Assessment Project** 2021

Angular web application fetching data from APIs and displaying profiles of fictional users along with their details, posts, and photos after logging in utilizing components from angular material and hosted it with firebase

**Real-Time Bridge Health Monitoring System** - Undergraduate Capstone Project 2019 - 2020

A comprehensive IoT project for Bridge Health Monitoring comprising Sensors on Structure, Python Applications for Image & Audio Processing, and a Bootstrap Progressive Web Application hosted using Firebase for displaying results to authorized users

## TECHNICAL SKILLS

C, Java, Python, HTML5, CSS3, JavaScript, TypeScript, Nginx, MongoDB, SQL, AppleScript, Swift, Angular 8+, NPM, App Development, Scrum, Agile Jira, Automation, REST API, AWS, Jenkins, SonarQube, Git, BitBucket, Sonatype Nexus, Selenium

## PUBLICATION

"Survey on IoT-based Bridge Health Monitoring Systems", IJRESM Journal (ISSN - 2581-5792), Volume-3, Issue-4, April 2020