

**PROFESSIONAL EXPERIENCE****AVPS Technologies Inc, Ed-Tech Platform**

Alpharetta, GA

Full-stack Software Engineer

May 2023 - Present

- Implemented frontend components, backend databases and microservices in the user platform and administration console
- Refactored legacy code base ensuring adherence to software development standards improving performance and processes

**Zycus Infotech Pvt Ltd, Enterprise SaaS Product Suite**

Mumbai, India

Full-stack Software Engineer with Frontend Focus, [DewDrops](#) UI Centre of Excellence

January 2021 - August 2022

- Collaborated with Product Owners and Teams from 20+ Products, Services and Applications to deliver 80+ Business Requirements
- Liaised with UI/UX design team as development SPOC to check adherence of wireframes and mockups to WCAG standards
- Authored documentation for components, dashboards, processes, and best practices facilitating smooth information dissemination
- Implemented platform UI theme, developed, and enhanced 6 Launch Points and 10 Manifestation Areas for [AppXtend](#) Platform
- Automated icon generation and publishing process that eliminated 12 hours of manual effort, reduced toil, and optimized performance
- Developed Global Delivery and Customer Relationship Management System Dashboard to be used in management scrum
- Enhanced the Performance Evaluation dashboard to get comprehensive and granular visibility of 16 products and services
- Upgraded Language Management System from Java 8 to OpenJDK 11 and migrated public dependencies to Sonatype Nexus
- Undertook proof of concept and feasibility check for 2 business components resulting in streamlined development process
- Implemented SonarQube fixes leading to an overall rating of A for application reliability, maintainability, scalability, and security
- Implemented changes in the YAML code of CI/CD Pipelines for 3 major products as per requirements by QA Team
- Groomed 8 resources through knowledge sharing & knowledge transfer sessions fostering a culture of learning in the team

**OTHER PROFESSIONAL EXPERIENCES**

- Graduate Research Assistant, Computer Information Systems Department, Georgia State University August 2022 - Present
- Instructor for K-12 students, AR/VR Game Development and Android App Development, CampK12 April 2020 - May 2020
- Frontend Software Development Intern using Laravel, Fube Technology (Malaysia, Remote) December 2018 - March 2019
- Android Application and Python Desktop Application Development Intern, Trivia Software July 2018 - August 2018
- Content Editor, WordPress Administration and SEO Management Intern, Toppr February 2018 - July 2018

**VOLUNTEER EXPERIENCES**

- Volunteer for Math & Science Courses at Teach for India project under Teach to Lead Foundation
- Founding and Core Team Member at TAPtheTECH - NGO, YouTube Channel & Coursera Learning Hub
- General Secretary of Indian Society for Technical Education Student's Chapter leading the student council
- 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 for New Engineering Students
- Meritorious Participant in Google HashCode, TCS CodeVita, and Infosys HackWithInfy

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

Atlanta, GA

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

2023

Projects: Face Mask Detection (AI), International Transactions (Blockchain), Rotary Input Device (IoT), Accessible UI/UX (NFT)

Bootcamps: CSPO® Certification, SAFe POPM 5.1, UX Research, Accessibility Standards, Design Patterns, AWS, Tableau, Salesforce

Courses: AI/ML, Blockchain, Data Analytics, Database Management Systems, Integrated Process Platforms, Emerging Technologies

**University of Mumbai**

Mumbai, India

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

2020

Projects: [Secure Pager](#) (Cryptography), [Process Manager using AppleScript](#) (OS), [Gujarati](#) & [Marathi](#) News Headlines Classifier (NLP)

Courses: Data Structures &amp; Algorithms, Object-oriented Programming, Human Machine Interaction, Web Design &amp; Development

**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 images after logging in utilizing components from Angular Material design and hosted it using Firebase

**Real-Time Bridge Health Monitoring System**

2019 - 2020

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

**TECHNICAL SKILLS****Programming Languages:** HTML5, CSS3, JSON, JavaScript, TypeScript, C, Java, Python, SQL**Frameworks:** React, Redux, Angular 8+, RxJS, MongoDB, NPM, Bootstrap, Sass, Spring Boot, WCAG**Tools:** Azure, AWS, Webpack, REST API, Postman, Dynatrace, Kubernetes, Jenkins, GoCD, VCS, Lighthouse**PUBLICATION**

'Survey on IoT based Bridge Health Monitoring Systems', IJRESM, ISSN-2581-5792, Impact Factor 5.72, Volume-3, Issue-4, April 2020