

VENKATESHAN KOKKATTU

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SUMMARY

- Leverage strong organizational and communication skills, along with advanced technical expertise, to assist in the Web Application Development course at Boston University.
- Proven ability to mentor and support students, providing guidance and ensuring a positive learning environment.

PROFESSIONAL EXPERIENCE

Quality Assurance Engineer, Twelve Springs Limited

Apr 2022-Nov 2023

- Spearheaded comprehensive testing strategies including exploratory, functional, integration, and regression testing using Cypress.io and TypeScript in Visual Studio. Ensured robust app performance across multiple platforms and environments, from QA to production.
- Crafted and implemented detailed test plans and flow-based test cases, aligned with schemed functional requirements. Conducted thorough testing to verify app resilience under various interruptions and to assess GUI and compatibility aspects.

Project Manager, Technoark Solutions

Jun 2021-Apr 2022

- Led a cross-functional development team to enhance project delivery efficiency and customer satisfaction.
- Engaged directly with clients to accurately define project scopes and deliverables, achieving results ahead of schedule.
- Maintained daily progress reports, adapting project strategies to meet evolving requirements.

IoT Intern, Godrej Security Solutions

Dec 2020-Jan 2021

- Competitively selected from 200+ IT students to join Godrej's nascent IoT program
- Assisted in the functionality scoping & user experience testing for state-of-the-art home protection device.
- Helped in creation of web-based & mobile app based supplementary security app for the device to talk to other IoT devices in the home

Planning Head of Dot Com Club & IT Support Volunteer, Jai Hind College, India

Jul 2018-Mar 2021

- Played a pivotal role in fostering effective communication between students and faculty members, enhancing academic experiences by addressing and resolving technical issues across campus, which significantly reduced downtime and improved the overall educational technology environment.
- Provided personalized guidance to students on utilizing educational software and digital resources, empowering them to maximize their learning potential and succeed in their academic pursuits.
- Led planning efforts for the official Tech club as undergraduate leader, organizing meetings and schedules for a large student organization.
- Developed strong organizational skills as planning head of my undergraduate tech club, managing various departmental activities and events consisting of 200+ students.

SKILLS

- **Programming Languages:** Python, Java, C#, C/C++, .Net
- **Web Technology and Languages:** HTML, CSS, JavaScript
- **Software:** Cypress.io, Selenium, Unity, Microsoft Suite, Android Studio, Firebase

EDUCATION

Boston University Metropolitan College

Expected May 2025

- Master of Science (M.S) in Computer Science

Jai Hind College, Mumbai, INDIA

Jun 2021

- Bachelor of Science (B.S) in Information Technology
- Head of Planning, Official Tech Club
- Founder and Editor, Department Newsletter
- IT Support Volunteer

ACADEMIC PROJECTS & AWARDS

- Built IoT enabled water quality monitoring system for the underprivileged members of the society and presented it at a one day national conference on Water Resources: Remediation and Rejuvenation -University of Mumbai
- Received intercollegiate award for the innovation.
- Published a paper in International Journal of Advance and Innovative Research on AI in Healthcare.
- Made a Tower Defense RPG game using Unity Engine and C# that gave the player an enthralling experience.
- Made a Machine Learning based Pose Detection Application using TensorFlow Lite in Android.