

# Nikhita Bharat Upadhye

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Charlotte, USA (Open to all locations at USA)

## EDUCATION

<b>Master of Science in Information Technology</b> University of North Carolina at Charlotte, Charlotte, USA.	<b>Jan 2023 – May 2024</b> <b>GPA 3.8</b>
<b>Bachelor of Engineering in Electronics and Communication</b> Basaveshwar Engineering College, Bagalkot, India.	<b>Aug 2015 - May 2019</b> <b>GPA 3.7</b>

## SKILLS

- Languages:** Java, JavaScript, C, Python, TypeScript, PHP, HTML, CSS, SQL.
- Libraries:** Selenium, Angular, React, Node.js, Express.js, Spring Boot, MySQL, MongoDB, PostgreSQL.
- Tools:** Apache, XAMPP, MySQL Server, Azure DevOps, Docker, REST API, Postman, AWS, Digital Ocean.
- Others:** Git, Jira, ALM, RTC, VS Code, IntelliJ IDE, Eclipse IDE, Android Studio, Jupyter, MS Office, ADB commands.

## WORK EXPERIENCE

<b>Graduate Assistant</b> <b>UNC Charlotte Research and Economic Development, UNC, Charlotte, USA</b>	<b>Aug 2023 – Present</b>
<ul style="list-style-type: none"><li>Accomplishing a 30% increase in data accuracy by transitioning from manual data input to implementing <b>automated scripts</b> for Niner Research database.</li><li>Efficiently <b>organized</b> and <b>hosted online and in-person trainings</b> and research-related events, utilizing automation tools to realize a 30% improvement in registration and tracking efficiency.</li><li>Automated the gathering, organization, and distribution of <b>research-related</b> resources, contributing to a 25% enhancement in accessibility for faculty, staff, and students.</li><li>Successfully streamlined proposal file management within University systems, resulting in a measured 20% reduction in errors and a 15% increase in processing speed through <b>automation</b>.</li></ul>	

<b>Software Engineer Analyst</b> <b>Accenture Solutions India Pvt Ltd, Bangalore, India</b>	<b>Apr 2022 – Dec 2022</b>
<ul style="list-style-type: none"><li>Achieved testing effectiveness by developing test <b>automation scripts</b> using <b>JavaScript</b> with an accuracy rate of 98%.</li><li>Directed and motivated test automation team, cultivating a collaborative learning environment, and consistently delivering <b>mentoring</b> and <b>teaching support</b>, resulting in enhanced team performance and skill development.</li><li>Automated 95% of manual tasks, reducing testing time by 48% and increasing overall system stability by 62%.</li><li>Played a pivotal role in enhancing, developing, and managing operations of <b>CI/CD</b> pipelines using <b>Azure DevOps</b>.</li></ul>	

<b>Software Engineer</b> <b>OPPO Mobiles India R&amp;D, Hyderabad, India</b>	<b>Jun 2019 – Mar 2022</b>
<ul style="list-style-type: none"><li>Automated software testing process using <b>Selenium</b>, and <b>Postman API</b> optimizing the Test Planning, Execution, and Design process using <b>Agile</b> resulting in 30% less time in debugging quality defects and 25% less time for test runs.</li><li>Led diverse range of <b>mobile testing</b> activities including black box and white box testing, log analysis, debugging, and device issue resolution using <b>ADB commands</b>, resulting in a 35% reduction in app bugs and enhanced app stability.</li><li>Expertly managed <b>Qualcomm, MTK chipsets</b>, and Android version upgrades using <b>C, Java, and Python</b> languages.</li><li>Optimized Android mobile multimedia, enhancing audio, images, video, and codecs using <b>QPST</b> and <b>QXDM</b> tools.</li><li>Advanced mobile software and security testing through critical research and development support. Achievement includes the identification and resolution of a <b>critical bug</b> in Android version 12.0.01 impacting 15% of global users.</li><li>Proficiently managed Wi-Fi, Network Protocols, third-party applications, and <b>GMS/Android</b> certifications (CTS, GTS).</li><li>Made significant contributions to prime <b>OPPO and One-Plus projects</b>, including the Reno series (3, 3 Pro, 4, 4 Pro, 5, 5 Pro), F series (F11, F12), OnePlus devices (8, Nord, 8T, 9, 9R), and flagship Find-X series (X2, X3, One Plus 9 Pro).</li></ul>	

## PROJECTS

- Find My Guru:** (HTML, CSS, React, MongoDB, Node.js, Express.js, Generative AI, ChatGPT, Python)  
Developed a **MERN stack web application** that provides a platform where an individual can search for and connect with guides (guru). For improved accessibility, integrated generative AI tools for effective real-world search results.
- Digitized Indian Public Distribution System:** (Java, Arduino, IOT, Android Studio, MySQL) Created a PDS application to **automate the operations** of distributing rations, making payments, providing history reports. Integrated it with a biometric IOT device for enhanced security. Karnataka Youth Startup Assoc (2019).

## ACHIEVEMENTS

- Discovered and resolved a **critical** blocker bug in **Google Android Q RenoZ-2019**, leading to **special recognition** from **OPPO China Headquarters** for ensuring a smooth product launch and customer satisfaction.
- Traveled to **Malaysia OPPO** on an **on-site** work assignment, handled defect review meetings, aided in bug fixes, and conducted a seminar on bug-handling processes and classification parameters in February 2020.
- Received **Star Employee of the Month** for the months of **May-2021 & Jan-2022** at **OPPO Mobiles India R&D**.
- 1<sup>st</sup> Prize** winner of Karnataka State Paper Presentation – 2018, Topic: Pill Endoscopy Camera.