

Professional Profile

Software developer with about 6 years of expertise in design, development and management of mobile and web applications. Successfully contributed to the launch of mobile applications and features used by millions of users worldwide. Proficient in Java, Android, C++ and automated test driven development. Strong communication, teamwork and interpersonal skills. Took a career break to care for my new born child then.

Passionate about teaching technology and mentoring youth. During the career break, founded a coding club, created a customized programming curriculum for elementary and middle school kids to prepare them for Computer Science in highschool as part of volunteer work. Also helped special needs kids succeed at school as a substitute teacher. Worked as a software automation engineer intern focusing on Selenium WebDriver and QA automation framework and currently working as a project manager intern managing cross functional team's project timelines. Both internships are unpaid internships to upskill.

Technical Skills

Programming Languages

Java, Python, C, C++, JavaScript

Software & Technologies

Page Object Model, TestNG, Maven, Selenium WebDriver, Jenkins, JUnit, SQL, Unix Socket Programming, SIP (Session Initiation Protocol), Linux, Nokia ISA OS, Android, Android studio, Eclipse, CSS3, jQuery, HTML5, XML, XSL, SVG Tiny 1.2, Sqlite3, MySQL, Jira, Bugzilla

Version Control

Git, SVN

Professional Work Experience Summary

Project Manager Intern , Stealth mode startup, Scranton, PA	Oct '20 - current
Founder , TechReadyKidz, Newark CA	Jan '18 - current
Software QA Automation Intern , North America Med Tech Group, Alpharetta GA	Jan '20 - Sep '20
Sr Software Engineer , Motorola Inc, Sunnyvale CA	Jan '07 – Jun '10
UI SW Design Engineer , Nokia Inc, San Diego CA	Dec '04 – Oct '06
Web developer , The University of Alabama, Tuscaloosa	Aug '02 – May '04
Engineering Intern , Ishoni Networks Pvt Ltd., Bangalore, India	Oct '00 – Jul '01

Projects during career break

Project Manager Intern @ Stealth Mode Startup, Scranton, PA (Oct 2020 - current) (unpaid)

Working as a Project Manager at a startup and handling different responsibilities such as: planning, executing and evaluating projects including conducting independent research on how our product could help with the issues that exist in different local businesses, colleges, hospitals etc. Managing and leading the logistics of different teams within the company. Communicating effectively with all members of the team and project timelines. Leading the recruitment process to find the right talent to join the team. Sourcing, successfully leading and managing global cross-functional virtual teams upto 15 developers, analysts, 5 jr project manager/recruiters. Also, mentoring junior project managers and new hires to help them succeed.

Founder: TechReadyKidz, Newark CA (Jan 2018- current) (Volunteer work)

Founded [TechReadyKidz](#) coding club with a vision to empower youth in my local community in technology, innovative skills, driven by my passion for technology and mentoring/teaching young kids. Conducted market research and found a need for quality technology training. Created this hub to teach programming skills such as Scratch, Scratch Jr, web development using HTML, CSS, Python programming while also emphasizing design thinking. As part of the club, I manage the club schedules (ranging from 4 week workshops to 6 month comprehensive training), customized curriculum and learning goals. Also, communicating effectively with parents to have a successful club. Successfully navigated from in-person instructions to virtual instructions due to Covid and mentored around 50 students so far. Was successful in motivating these students to get into STEM related streams in high school and opt for STEM related AP courses confidently.

Usability Tester @ UserTesting.com (Jun 2016 - current) (Gig)

Part time freelancer as usability tester at UserTesting.com. Conducted several usability tests for various websites and apps used by millions of users. Have been a 5 star rated usability tester with great reviews.

Substitute teacher @ Swing Education (May 2019 - current): Worked part-time as a substitute teacher and helped with various schools and students as needed. Got opportunities to work with special needs kids and help them succeed.

Software Automation Engineer Intern @ North America Med Tech Group, Alpharetta GA (Jan 2020 - Sep 2020)

Manage My Patient (MMP): “Manage My Patient” is a web based healthcare application developed for doctors’ offices to manage their portal. The work involved automating the tests for Patient and Admin modules and developing the complete framework. Used Selenium WebDriver to automate the test cases along with XPath & CSS selectors. Designed a hybrid framework performing regression and sanity testing and also generated reports using Maven, Page Object Model, TestNG, Rally and used Jenkins for continuous integration.

Professional Work Experience

Sr Software Engineer @ Motorola Inc, Sunnyvale CA (Jan 2007 - Jun 2010)

Android Applications (Nov 2008 – Jun 2010)

Contributed to the development of Motorola’s MOTOBLUR which combined the best of the internet, messaging, and social networking into intuitive software. MOTOBLUR was an innovative cloud-assisted solution to manage and integrate messaging, social networking, and other web services and debuted on the **T-Mobile/Motorola CLIQ, BACKFLIP** and other Android smartphones which were used by millions of users. This product aggregated contacts, posts, messages, photos and more from sources including Facebook, Twitter, MySpace, Gmail, and Microsoft Exchange and many more. Contribution was towards the application development of multiple client applications specifically Messaging application and various other features like ‘creating, editing messages’, ‘adding attachments’, ‘Universal Inbox’, ‘Managing accounts’, “Message Settings” etc of the app using object oriented programming in Java and utilizing the Android APIs. Worked with multiple teams to help define and implement “best in class” user experiences for new features. This includes working with user interaction designers, applications engineers, product managers and QA to coordinate the engineering effort and product definition to arrive at the best possible user experience.

Declarative UI Framework (Jan 2007 – Nov 2008)

SVG Graphics Engine Development – Contributed to the development efforts of the graphics rendering Engine, compliant with the Scalar Vector Graphics (SVG) Tiny 1.2 specification using C++, Javascript on linux.

Declarative UI Framework Development – Designed and developed Motorola’s new XML based declarative UI framework for mobile applications on Linux-Java phones, as part of the globally distributed teams (India, China, Brazil, Chicago, Austin) for developing mobile applications using this framework. Designed & developed the markup language for widgets, implemented these widgets using C++. XML markup language, CSS, JavaScript on LINUX for defining various application screens. SVG was used for rendering.

UI Software Design Engineer @ Nokia Mobile Phones (Dec 2004 – Oct 2006)

Contributed to the UI / application development efforts of many Nokia CDMA phones (Eg: 2125,2355, 6255, 6235i) used by millions of users worldwide. Worked on many applications but more specifically worked on tone server & platform such as ringtones, voice call, notification tones etc. Successfully designed, developed, launched new features, owned bug triage and debugged existing features. Work involved Embedded programming using C, Nokia OS, UNIX, embedded system debugging tools. This involved working with other applications engineers, product managers and QA to coordinate the engineering effort and product definition to arrive at the best possible user experience. Recognized as the best new grad joining the team.

Web Designer Intern @ University of Alabama, Tuscaloosa AL (Aug 2002 – May 2004)

Worked on various online database projects using HTML, PHP, JavaScript, CSS, SQL, MS Access on Windows Platform. Projects included development and maintenance of Engineering departmental websites and Library Catalog and Book Management System with user tracking and reporting modules.

Engineering Intern @ Ishoni Networks Pvt Ltd, Bangalore India (Oct 2000 – Jul 2001)

Voice Over IP Teleconferencing System

The project involved implementation of a PC to PC phone system using SIP signaling protocol to VoIP. The system facilitated calls between two computers connected via LAN. The project used Unix socket Programming and programming. The project was implemented following the software engineering principles. The project was implemented by a team of 3 members and was a part of the engineering intern work.

Education

Master of Science in Computer Science at The University of Alabama, Tuscaloosa, Alabama. Aug 2004

Bachelor of Engineering in Computer Science at The RV College of Engineering, Bangalore, India. June 2002

Work Authorization: US Citizen