

--SOFTWARE ENGINEER--

QUALIFICATIONS PROFILE

Performance-focused and highly analytical professional, equipped with hands-on experience within the field of computer science, encompassing software engineering, as well as mobile, web, and desktop applications to support business development initiatives

Additional qualifications include:

- Experience with software development life cycle and Successful at all aspects from inception to production phase for numerous projects.
- Equipped with hands-on experience in database programming through various programming languages, including Swift, Objective-C, Java and JavaScript.
- Effective in establishing relationships and worked collaboratively with graphic design leads, UI/UX Team, project manager, and clients to effectively develop applications

AREAS OF EXPERTISE

Application Programming
Object-Oriented Technology
Web and Mobile Development

Mathematical Models
Algorithm Implementation
Database Design and Development

TECHNICAL ACUMEN

Programming Languages: C, C++, Java, Python, MATLAB

Mobile Development: Swift, Objective-C, X-Code, Android SDK, and Phone Gap

Design Patterns: MVC, Singleton, Notification, Blocks, Delegation, Facade, and Extensions

Software Development Methodologies: Waterfall, Lean, Agile, and Scrum

Front-end: HTML 5, CSS 3, JavaScript, jQuery, Ruby on Rails, Bootstrap, and PHP

Database and Backend: Oracle, SQLite, MySQL, Parse, Firebase, and AWS

Tools and Server: GitHub, Bitbucket, Jenkins, Apache, Postman, Appium, MAMP PRO, WordPress

Others: Node.js, Angular 2, React.js, Spring MVC, JSP, and Servlets

JS Visualization Libraries: Heat maps, High Charts, D3.js, Amcharts, Raphael, Highcharts, JS Tables, Google Maps

iOS Frameworks: iPhone SDK, UI Kit, Map Kit, Speech, AV Foundation, Core Data, Core Location, Social, XC Test, Alamo Fire, SDWebImage, QuartzCore, Crashlytics, Core Bluetooth(BLE), Core Graphics, Appkit, Core Motion, Keychain and Encryption.

PROFESSIONAL EXPERIENCE

WAL-MART, BENTONVILLE, AR, USA

Associate Engineer

2017–Present

- Coordinate closely with various teams to identify and resolve issues in a timely manner
- Take charge of working with database updates, including Oracle, Java, JIRA, Oracle Catalog, ATOM, Postman, Apache Solr, Apache, Product Information Management (PIM) and virtual desktop infrastructure (VDI)

INFINITE KEY, HOLLAND, MI, USA

Software Engineer

2017

- Maintained proactive participation in Agile and Scrum meetings to ensure the efficiency of product details
- Made use of phone as a key technology product for home appliances, replacing key fob and work station systems
- Proactively performed micro-locating algorithm for simulation in OS X and Linux environments
- Held responsibility for the development of Ruby and JavaScript to run embedded environment and built tool configurations for OS X and Linux systems
- Contributed to the creation of iOS mobile application in IoT and phone through Swift, Objective-C, AWS, and Jenkins

GRAND VALLEY STATE UNIVERSITY, GRAND RAPIDS, MI, USA

Software Developer | Web and iOS Developer

2016–2017

- Created and implemented iOS mobile application, web portal, and published app in app store for upward bound staff through Swift, C, JavaScript, Bootstrap, Firebase, and AWS; as well as campus websites through web technologies, including HTML 5, CSS, JavaScript, PHP, and MySQL
- Displayed expertise in utilizing MATLAB and Java to build Bayesian analysis framework, mathematical model, and research
- Demonstrated keen understanding of app store guidelines and published app in app store

Notable Accomplishment:

- ✓ Developed iOS mobile app and web portal for Upward Bound Staff from conceptualization to implementation

RETISENSE, BENGALURU, INDIA

Lead Software Engineer

2014–2015

- Expertly handled Agile projects by attending meetings to ensure efficiency of product
- Managed product development and execution, including Stridalyzer an IoT-based application, fitness tracker, Bluetooth Low Energy (BLE)-based products
- Worked with a team of four to develop and publish mobile application into app store
- Facilitated the evaluation of bio-mechanical mathematical models for fitness tracker
- Initiated iOS mobile application for runners through Swift, Objective-C, and Parse.
- Created a responsive web portal to generate dynamic web reports for runners through JavaScript and Bootstrap
- Spearheaded the integration of third-party application programming interface (APIs), frameworks, and libraries.

Notable Accomplishments:

- ✓ Drove key efforts toward product development from conceptualization to deployment
- ✓ Earned promotion to lead software engineer for excellent performance and professionalism

SKYFI LABS, BENGALURU, KA, INDIA

Engineer

2012–2014

- Presided over workshops for various staff to create awareness and trained students and professionals on various technologies
- Led the setup launching of Java-based centralized database system from scratch to end and trained employees on the use of the said application

KRESIT, IIT BOMBAY, MUMBAI, MH, INDIA

Research Programmer, Intern

2011

- Assumed responsibility for the integration of all legacy inductive logic programming (ILP) systems to a single umbrella architecture
- Collaborated with different researchers, programmers, and students to obtain keen understanding of the requirements to build the product from scratch
- Executed the development of an ILP tool through C, Java; along with integrated systems through Linux

Notable Accomplishment:

- ✓ Earned a research fellowship which involved the development of tool from IIT Bombay

EDUCATION AND CREDENTIALS

Master of Science in Computer Information Systems: 2017, GPA: 3.6/4.0

GRAND VALLEY STATE UNIVERSITY, GRAND RAPIDS, MI, USA

Relevant Coursework: Data Structures and Algorithms | Mobile Application Development (iOS) | Database Design | Compiler

Master of Technology in Computer Science Engineering: 2014, GPA: 8.42/10

IIIT BHUBANESWAR, OD, INDIA

MHRD Scholarship (IIIT Bhubaneswar) | Best UI Design (IIIT Hyderabad and UMO)

Bachelor of Technology in Computer Science Engineering: 2012, Grade Percentage: 80%

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, HYDERABAD, TS, INDIA

iPhone Programmer Certification: KESHAV MEMORIAL INSTITUTE OF TECHNOLOGY, HYDERABAD, TS, INDIA

Certified Web Designer: Mecha Hawks IT Company, Odisha, India

iOS Development for Creative Entrepreneurs (Online): Course-era

AWARDS AND HONORS

Best Department Project, GVSU Innovation Showcase | 1st Prize, Technical Quiz Competition

1st Prize, Best Alarm Watch Design | 2nd Prize, JIGYASA Technical Paper Presentation

PROFESSIONAL AFFILIATION

Board Member and Adviser–S-Hub (Formerly Technopreneur)

ACTIVITIES

Student Partner–Microsoft

Campus Ambassador and Website Moderator–Knowafest.com

Facilitation of workshops on Web Designing and Content Management System