

RajKrithika Balakrishnan

Shrewsbury, MA | 508-361-1981 | [LinkedIn](#) | [GitHub](#) | mail2krithika@gmail.com | [Rajkrithika \(uml.edu\)](#)

Front End Engineer/ Software Engineer

Accomplished Software Engineer /UI Developer with proven ability to transform and grow businesses

“Driving Operational Excellence Through Software Engineering Methodologies and Effective Communications.”

As a recent graduate with a passion for software engineering, I offer a solid foundation in Information Technology and a strong desire to excel in this field. I have a proven ability to learn quickly and apply my skills effectively to solve complex technical problems. I have a particular interest in front-end development and am committed to staying up-to-date with the latest technologies and programming languages in this field. I am excited to contribute my talents and passion to deliver critical business applications that meet the needs of clients and end-users alike

CORE COMPETENCIES

Software Engineering | UI/UX Design | API Development | IT Strategy | Leadership
Software Development Life Cycle (SDLC) | Problem Solving | Cross Functional Team Management
Collaboration | Requirements Gathering | Responsive Web Design | Communications | Web Services

TECHNICAL EXPERTISE

Programming: JavaScript | JQuery | Jasmine | ES6/ES2015 | SQL | GraphQL

Web Technologies: HTML5 | XHTML | CSS3 | SASS | JS | JSON

Frameworks: Angular 2+

JS Tools: Typescripts | Eslint

Library: Chart.js | Underscore | Bootstrap | Lodash

Database: AWS | My SQL

Testing: Unit Test | Karma | Jasmine | Protractor

Tools: JIRA, GIT

SELECTED ACHIEVEMENTS

- Collaborated with the project team to analyze project requirements using Agile methodologies and Scrum frameworks for a web-based platform. **resulting in a 25% reduction in ad hoc work.** (Nokia)
- Implemented efficient bug fixes and conducted thorough code reviews to address technical debt, **resulting in a 20% reduction within the first month**(Nokia)

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PROFESSIONAL EXPERIENCE

Nokia | Chennai, India

Aug/2015 Mar/2018

Performance Engineer – Front End Focused

- Developed Guided Retirement Experience application using Native JavaScript.
- Worked with other engineers on the squad through code reviews, pair programming, interactive design sessions and production support.
- Worked with other product team to ensure we are building the right features based on scope and customer value.
- Contributing back to the team by developing solutions that help improve developer efficiency or sharing knowledge about new techniques and technologies.
- Developed new features, functionality, and customization of the existing features for the business-critical application using JavaScript and JQuery.
- Collaborated with the design team to make recommendations for a streamlined, user-friendly interface.
- Ensuring proper documentation and reports in all stages of product life cycles.
- Conducted requirements gathering and validation as a part of collaboration for the high-profile external web app to address important UI/UX parts of the system's user interface before the active phase of development.
- Performed troubleshooting and bug fixing for a high-volume internal web application resulting in system performance and scalability improvements.

SIDE PROJECTS

UMASS - Lowell | Lowell, MA

Aug/2022 –

Dec/2022 Internet and Web System

- Created a homework web application for my web system course. Major of the development we utilized Vanilla Js/JQuery and HTML/CSS for DOM Creation.
- Utilized AWS for Database and used REST to make API calls. Used Validation to check if the user entered a valid email, and password while the account was created (RegExp).
- To make the website responsive used the Bootstrap grid components to create the layout
- Utilized cahrt.js for data Visualization to represent the mark student earned.
- Created and maintained documentation to support system configuration, training, and user experience.

LICENSES & CERTIFICATION

- The complete JavaScript course 2022: Zero to Expert! (UDEMY)
- Software Testing (Amity Software Technologies)

EDUCATION

Master of Science (MS) | Computer and Information Sciences | UNIVERSITY OF MASSACHUSETTS

Lowell, MA (2022 - 2023)

Bachelor's Degree | Information Technology | ANNA UNIVERSITY

India (2011 - 2015)