

Urmilla Kannuswamy

Boeblingen - 49 176 2215 8607

urmilla.k@gmail.com

www.urmillakannuswamy.com

<https://github.com/urmilla017>

Software Developer

Developer with experience in the front end and in building responsive websites and mobile applications. Extensive proficiency with languages such as HTML5, CSS, JavaScript, React Native and Vue.js. Experience with testing frameworks like Mocha, Jest, jMeter. Communication and interpersonal skills with the ability to work as an individual and as a team. Enthusiastic and motivated to create innovative applications based on web standards.

EDUCATION

- MS in Computer Science, Rivier University, Nashua, NH, USA (2014-2016)
- MBA in Human Resource Management, Madurai Kamaraj University, India (2012-2014)
- BS in Information Technology, Lady Doak College, India (2008-2011)

CERTIFICATION

- International Software Testing Qualification Board - Foundation Level
- iCHIC Award Winner

TECHNICAL SKILLS

| | |
|------------------------------------|--|
| Languages and Frameworks: | JavaScript, HTML5, CSS3, jQuery, Vue.js, React.js, Bootstrap, D3JS, Node.js, MongoDB |
| Mobile Development: | React Native |
| IDE: | Xcode, Android Studio, Atom, Visual Studio, Webstorm |
| Prototyping: | Invision |
| Map: | Mapbox |
| VCS: | Git |
| Testing: | Mocha, Jest, JMeter, Blazemeter |
| Project & Bug Tracking: | JIRA, Confluence |
| Error Tracking: | Raygun |
| Analytics: | Google Analytics |
| Data Capture: | REDCap |
| Voice Assistant: | Amazon Alexa |
| Operating System: | iOS, Android, Windows, Mac |

WORK EXPERIENCE

Studio Kurbos, Stuttgart

August 2019 – April 2020

Software Developer

- Integrated Mapbox with Vue.js to build a web application
- Programmed an offline application with Electron
- Built a prototype app with Vue.js and Quasar
- Incorporated Raspberry Pi and JavaScript to build display units
- Initiated and lead the adoption of Version Control System within the team

Partners Healthcare, Boston, USA

August 2016 – July 2018

Software Developer

- Developed an iOS/Android data collection app from user stories that lets a minimum of ten thousand users fill in recurring surveys for a research study that integrates with REDCap API
- Implemented a Node.js middleware to exist between the mobile app and REDCap for further increase in security
- Worked on an IE compatible web portal that helps users manage their diabetes by communicating and sharing data to medical devices and a native mobile app
- Assisted and motivated a team of five in building a JavaScript based hook that leverages the existing PHP codebase and provided solutions to minimize human error
- Collaborated with two external teams for the development phase and aided in the layout of testing plans
- Utilized local push notifications and a drag and drop feature that works like the iOS drag and drop and implemented them in an iOS app for the use of fifty users
- Used JMeter and Blazemeter with virtual servers to understand the capability of the system and optimising it to handle hundred thousand users
- Leveraged D3.js library to generate data visualizations
- Supported the project manager in documentation and testing
- Handled feature requests, bug fixes and followed scrum based agile development with JIRA and Confluence

R.R. Private Hospital, India

March 2011 – May 2011

Web Developer

- Designed the interface using wireframe mockups and developed the pages with responsive web design for cross browser compatibility for the use of doctors and patients
- Used PHP for easy access during user registration and login
- Handled databases with MySQL

✂ INTERESTS

- Amazon Echo
- Painting

🗨 LANGUAGES

- English (Native Fluency)
- German (Beginner)
- Tamil (Native Fluency)