Kishan Huliyar Jagadeesh

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EDUCATION

Stevens Institute of Technology, Hoboken, NJ. Aug 2019 - May 2021

Candidate for a Master of Science in Computer Science, **GPA 3.8/4.0**

Related courses: Data Structures, Web Development, Advanced Algorithm Design, Mobile Application development.

Visvesvaraya Technological University, Malnad College of Engineering, Hassan, India Aug 2012 - Jun 2016

Bachelor of Engineering in Computer Science, **CGPA: 8.0/10**

Awards: "Laurel of Academic year - 2016"

Related courses: Object-Oriented Programming, Data Structures, Algorithms, Web Development

TECHNICAL SKILLS

Programming Languages: Java, JavaScript ES6, TypeScript, Python, C++.

Framework: Node.js, React.js, Redux, Express.js, HandleBars.js, Spring, Hibernate, Vaadin.

Database: MySQL, DB2, MongoDB, SQL Lite.

Web technologies: HTML, CSS, SCSS, Bootstrap, Restful Web-services, Ajax, SocketIO.

Cloud: Firebase, AWS, Google Cloud, Netlify, Heroku.

Certifications : **AWS Certified Solution Architect – Associate**, Bloomberg Market Concepts.

WORK EXPERIENCE

Brillio Technologies, Bangalore, India

Software Engineer Aug 2016 - Dec 2018

***Awards**: Brillian of the Month(July 2017, Jan 2018), Group Excellence Award(July 2017, Dec 2017)*

Product Information Database(PUMA) | *Java, DB2, Spring, Hibernate, Vaadin, HTML5, CSS3, Git*

- Analyzed user requirements and built new application flows and features using Java and SQL for backend and Vaadin, HTML5, CSS3 for frontend with a 100 percent UAT acceptance record
- Proposed and developed a framework and utility classes using defensive programming methodologies and integrated it as part of the build process which reduces memory and resource leaks by 100% and system crashes by 90%
- Improved the CI/CD process by making it highly configurable using customized Linux scripts and crontabs which enabled deploying servers 50% faster and came to the aid of a more flexible testing process
- Proposed and executed changes to the search framework by restructuring SQL queries and adding a caching layer, which reduced document retrieval time by 30% and the number of database hits by 20%

Survey Application| *Java, Vaadin, Git, JIRA, Jasper*

- Led a team of 5 people to automate an internal survey process by developing a web application with capabilities to generate unique links and send emails on specific dates which enabled a more cost-effective and secure survey process
- Developed a dashboard to view and monitor surveys and formulized a robust API which can be used to integrate seamlessly with other reporting and analytic tools

ACADEMIC PROJECTS

BookLength.com | *JavaScript, ReactJs, Styled-Components, AnimeJS , CSS, Git*

- Built Web-application using Data-Driven development and consuming google books API
- Optimized the UI for multiple screen sizes and mobile/tablet screen

QuoraFlow – Question Answer Platform| *JavaScript, NodeJS, ReactJs, ElasticSearch, Heroku, OAuth, Git*

- Deployed an efficient end to end Search engine using elastic-search clusters on AWS
- Coded a fast loading and resilient user feed system leveraging Redis for caching
- Authenticated users using social sign-in powered by firebase authentication

BidAway- A Real-time bidding platform | *JavaScript, NodeJS, ExpressJs, MongoDB, SocketIO, Git*

- Designed a real-time bidding platform using Ajax and SocketIO
- Implemented a fast and accurate user feed system based on user activity and interests

WikiSearch | *Java, HTML, CSS, TOMCAT, Git*

- Built a Search engine for Wikipedia using compressed tries for indexing and JSoup for parsing web pages
- Achieved highly accurate results by formulating a ranking algorithm from scratch.