# EDUCATION Kishan Huliyar Jagadeesh

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**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.