

Raju Yallappa

📍 Wichita, KS ☎ 3162598744 ✉ rajuking9056@gmail.com [in LinkedIn](#) [Portfolio](#) [Github](#)

SUMMARY

- Experienced full stack developer with profound knowledge on web development, aspiring to learn & be a part of developing best-in-class applications by adopting successful software methodologies & best practices.
- Comprehensive understanding of clean and reusable code, debugging, problem-solving skills, responsive design concepts, website optimization, AWS and GCP cloud stacks, and the Model View Controller (MVC) method of code

EDUCATION

Master of Science in Computer Science

01/ 2021 – 05/ 2022

- Wichita State University, Wichita, KS, USA. CGPA – 3.64

Bachelor of Engineering in Computer Science & Engineering

08/ 2016 – 05/ 2020

- Reva University, Bangalore, KA, IN. CGPA – 3.6

TECHNICAL SKILLS

- **Programming Languages:** Python, Java, JavaScript.
- **Front-end:** ReactJS, Redux, JS ES6, TypeScript, Selenium, Webpack, HTML5, CSS3, AJAX, jQuery, SASS, LESS, BeautifulSoup.
- **Database Management:** Oracle SQL, PostgreSQL, Microsoft SQL Server, Non-Relational (MongoDB)
- **Back-end:** NodeJS, Flask, GraphQL, Spring, Firebase.
- **Tools:** Visual Studio code, Git, AWS, MS SQL Server, Jira, Jenkins, Git bucket, Swagger, Docker, Jupyter, Google Colab, Adobe Photoshop.
- **Machine Learning:** OpenCV2, TensorFlow, NLP, Image Analysis, TensorFlow, NLP models.

EXPERIENCE

AbbVie, San Francisco, CA, USA.

Full Stack Developer [ReactJS | NodeJS | Python | AWS | Azure | jQuery | Postgres]

06/2022 – present

- Lead a team to develop dynamic form rendering using ReactJS as a solution to replace proprietary tool.
- Involved in downstream user data integration using google tag manager, google analytics, segment and vero.

Wichita State University, Wichita, KS, USA.

08/2021 – 05/2022

Graduate Research Assistant [Python | Selenium | Automation | Azure | Microsoft SQL Server | ML | Cloud-Computing]

- Developed a web scraping tool using Selenium to find fraudulent hotel reservations & deployed it on a High-performance Computing machine (HPC) to achieve multithreading & parallel processing which increased the speed by > 20%.
- Implemented Restful APIs using Python Flask & pushed > 100000 rows of data parsed from web scraping into MySQL
- Built a sentiment analysis model to predict customer complaints in Twitter Airline's data, achieved an accuracy of 95% with a less false positive rate.
- Proctored & graded exams, fixed various software issues & maintain server operations.
- Creating web pages for my university which enables access to news & publications from 1930s to 2022 - [website](#).

Rakuten, Bangalore, India.

01/ 2020 – 01/ 2021

Full Stack Developer [ReactJS | Redux | Spring | Java | JEST | Mockito | Enzyme | micro-services | CI/CD pipeline]

- Developed Business Review Dashboard using ReactJS, Redux & Java Spring which automates the entire SDLC life cycle & provides visualization of critical data which enabled stakeholders to forecast and improve the future sales.
- Improved web app performance by > 30% using React lazy loading and suspense components.
- Implemented data visualization features using JavaScript & Highcharts APIs.
- Collaborated with the team to design SQL schema, business logic & micro-services developed using Spring framework programmed in Java.
- Created test cases using unit testing framework, JEST, Enzyme and Mockito as part of Test-Driven Development (TDD) to handle more than 100,000 user data.
- Fixed and debugged > 100 bugs of which some were rendering, performance issues & security vulnerabilities.

PROJECTS

- **COVID-19 tracker** - ReactJS, Firebase, SQL, HTML5, CSS3. - [website](#)
- **Photogram** - ReactJS, NodeJS, Firebase, SQL, HTML5, CSS3. - [website](#)
- **Books App** - Spring Framework, Java, Hibernate, SQL, Eclipse. - [github](#)
- **Twitter Research Tools** – Python, Matplotlib, SVM, Pandas, KNeighbors Classifier. - [github](#)
- **Object Detection** – ReactJS, TensorFlow, Canvas, HTML5, CSS3. - [website](#)
- **YouTube Clone** – ReactJS, HTML5, CSS3, JavaScript. - [website](#)
- **Predicting Heart Disease** – SVC, Random Forest, KNeighbors Classifier, Standard Scalar, Logistic Regression. - [github](#)

AWARDS & CERTIFICATIONS

- SPOT award for Excellence from Rakuten.
- AWS Cloud Practitioner certification
- Modern React with Redux certification
- React Hooks Certification.