

KALYANI YAGANTI

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<https://github.com/kalyaniyaganti9>
<https://kalyaniyaganti9.github.io/Portfolio/>

Education

Master of Science, Computer Science

CALIFORNIA STATE UNIVERSITY - EAST BAY, HAYWARD, CA

GPA 3.85/4.0

Expected Dec 2020

Bachelor of Technology, Computer Science

VR SIDDHARTHA ENGINEERING COLLEGE, VIJAYAWADA, IND

CGPA: 9.3/10.0

May 2016

Skills

Programming	:	Java, Python, C, C++
Web Technologies	:	JavaScript, React, Node.js, parcel, HTML, CSS, HTTP, REST API
Frameworks	:	Express, Mocha
Databases	:	MySQL, NeDB, MongoDB
Tools	:	Eclipse, IntelliJ, Git, TestNG, Junit
Platforms	:	Windows, Unix/Linux, Mac

Projects

WORLD TOUR – JURASSIC WORLD (https://github.com/kalyaniyaganti9/JURASSIC_EXPERIENCE)

Technologies - React, Node.js, JavaScript, HTML, CSS, NeDB, Express and Mocha Frameworks for testing

Developed a Full Stack multi user Web App using React and Express framework, node which allows users to schedule their tours in Jurassic World. It implements bcryptjs, a hashing algorithm for user authentication and Express-session for session implementation.

TOKEN PARSER (<https://github.com/kalyaniyaganti9/Tokenizer>)

Developed a Java based application that takes inputs of a code base and analyzes and generates token usage metrics.

CAMERA WEB APP

Developed a camera web app to take pictures using HTML CSS and Javascript. Pictures can be saved to your machine or directly to photos app if a mobile is used

TWITTER SENTIMENTAL ANALYSIS TO DETECT CYBERBULLYING TWEETS:

Classified and analyzed the tweets which were gathered hitting twitter developer's API using Machine Learning approach. Implemented classification with scikit-learn library and analyzed the metrics to find the best classifier to use for Binary Classification of tweets.

SYSTEM CALLS & MULTITHREAD PROGRAMMING – KERNEL

Implemented a customized system call in kernel which takes parameters from the user and provide the result. Used proc file system for communication between user space and kernel space to implement a system call.

Work Experience

TATA CONSULTANCY SERVICES INC., BANGALORE, IND

Jul 2016 – Jan 2019

Software Development Engineer

- Developed and Integrated React Web to interact with Restful API web services developed using node.js.
- Created test scripts using Mocha javascript framework to reduce debugging time in test driven development.
- Designed and implemented RESTful APIs using Spring Boot to parse logs for exceptions.
- Developed a tool that can monitor different micro services health checks, store logs related to container crashes and send email alerts with the logs and probable cause of failures.
- Automated API tests using Rest Assured and implemented logging using Log4j.
- Developed a web-based tool to compare among legacy and newly built API.
- Integrated automated tests into Jenkins pipeline for CI/CD.
- Familiar working with agile methodology, writing unit tests, regression tests and bug tracking.

HONORS - STAR EMPLOYEE OF THE QUARTER IN 2018