KAUTIL REDDY

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EDUCATION:

University of Texas at Dallas   May 2020(expected)

Master of Science, Computer Science

GITAM University, Hyderabad   May 2016

Bachelor of Technology (B.Tech), Computer Science   **GPA: 3.8/4.0**

TECHNICAL SKILLS:

Programming/Scripting Languages: Java, Python, JavaScript, C & SQL.

Databases:	Postgres, MongoDB
Server Frameworks:	Java Dropwizard, Node.js with Express
Server Testing:	JUnit, pytest, jasmine
Front End:	HTML, CSS, jQuery, Bootstrap, d3.js
Build and Deployment:	Gradle, AWS, GitHub Pages
Miscellaneous:	ANTLR, JavaFX

PROJECTS:

Testing Usability of Web Pages (http://ec2-52-91-196-183.compute-1.amazonaws.com**):**

- Built (MEAN Stack) and hosted a web application that analyses the usability of web pages.

Portfolio Website (http://kautilreddy.me**):**

- A responsive, touch-friendly & mobile-friendly website hosted on GitHub Pages.

Python Submission Evaluation Tool:

- Built a python application to assist myself in teaching python to high school students which takes the lesson modules submitted by students through Dropbox, evaluates them and generates a test report.

EMPLOYMENT:

Software Development Engineer (Engineer#1) - Tinkerix Technology   Sept/2016 - Aug/2018

- Built an application in Java using the dropwizard framework that analyses user's mobile usage data and recommends the best operator plan that provides the best savings.

- Optimized DB structure and SQL Queries to achieve a 3x faster query times.

- Developed and Maintained the company's website (https://cell.fish/) and internal admin page.

- Integrated a Payment Gateway 'Juspay' into the system.

- Created a system of web scrapers (with jsoup) and text parsers (with ANTLR) to obtain relevant information present in pieces of text captured from internet.

- Was responsible for mentoring and monitoring work done by groups of interns.

Software Engineering Intern - Model N India   Feb/2016 to April/2016

- Built a 'Cloud Health Management Server' that stores health information about different servers through agents and displays this info on a dashboard in real-time.

EXTRACURRICULAR ACTIVITIES:

- Cadet in Indian National Cadet Corps (NCC) & Member of the Indian National Service Scheme (NSS).

- Member of the university soccer team during undergrad.