

KAUTIL REDDY

CONTACT: +1 (972)-282-3948 | E-MAIL: kautilreddy@outlook.com | <http://kautilreddy.com/>

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: 3.9/4.0

TECHNICAL SKILLS:

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

Databases: Postgres, MongoDB, JDBI

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

EXPERIENCE:

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.
- Migrated parts of the code base to use Java 8's parallel streams and lambda expressions.
- Developed and Maintained the company's website (<https://cell.fish/>) and internal admin page.
- 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.

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.

PROJECTS:

Testing Usability of Web Pages (<http://ec2-52-91-196-183.compute-1.amazonaws.com>): May/2016

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

Portfolio Website (<http://kautilreddy.me>): Aug/2017

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

Python Submission Evaluation Tool: Sept/2015

- 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.

EXTRACURRICULAR ACTIVITIES:

- Cadet in Indian National Cadet Corps (NCC) & Indian National Service Scheme (NSS).
- Member of the university soccer team during undergrad.

ADDITIONAL INFORMATION:

Eligibility: (F1-Visa) Eligible to work in the U.S for internships without sponsorship.