

SUMMARY:

Full stack engineer with experience building web apps and services using C#, Java, Python, and JS.

EDUCATION:

San Jose, CA

San Jose State University

Aug 16 – May 18

- **Master of Science in Software Engineering | GPA: 3.79**
- **Coursework:** Software Design (Design Patterns, UML), Distributed Systems, Machine Learning and Cloud Technologies

SKILLS:

Languages: C#, Java, JavaScript, Python, PHP, HTML5, CSS3, SQL

Web Technologies: jQuery, Express.js, AngularJS, KnockoutJS, Node.js

Frameworks: ASP.NET MVC, Flask, LINQ, Bootstrap, RabbitMQ, Netty

Databases: SQL Server, MySQL, PostgreSQL, Oracle 10g, Redis, MongoDB

Cloud Technologies: AWS, Docker

Web Services: REST, SOAP

Testing: JUnit, NUnit, Moq

Version Controls: Git, SVN, TFS

ACADEMIC PROJECTS:

[Dropbox Prototype \(Java, Netty, Protobuf, Raft\)](#)

Spring 2017

- Implemented distributed file sharing and storage system using Raft consensus algorithm.
- Addressed issues such as dynamic scalability, high availability, work stealing, task sharing, fault tolerance.

[Face Tracking and Recognition \(C#, Python, numpy, Arduino, OpenCV\)](#)

Fall 2017

- Built apparatus to track faces and recognize them using OpenCV and C#.

[Scalable and Distributed UML Parser Implementation \(NodeJS, Java, AngularJS\)](#)

Spring 2017

- Built AWS infrastructure to accommodate server multi-tenancy, database server and frontend server using Auto Scaling groups and Elastic Load Balancers.
- Designed relational database (AWS RDS) to provide data multi-tenancy using extension columns approach.

[Starbucks Prototype \(NodeJS, Python, MongoDB, AWS, Heroku\)](#)

Spring 2017

- Built AWS infrastructure to accommodate server multi-tenancy, database server and frontend server using Auto Scaling groups and Elastic Load Balancers.
- Implemented multi-tenant Starbucks REST API in Python and Node.js with MongoDB and three-node replication.

[Trip Planner \(Python, JavaScript, Bootstrap, MySQL\)](#)

Fall 2017

- Integrated Google Maps, Uber, Lyft, Open Weather, Flickr APIs for comparing prices for a specified route.

[Catch Me If U Can \(Java, AWS, Docker\)](#)

Fall 2017

- Implemented multiplayer game to teach Binary Search via a game.
- Utilized Restlet framework for communication between client on host machine and AWS server on the cloud.

WORK EXPERIENCE:

Software Engineer Intern

Icertis

Jun 17 – Aug 17

- Developed a chatbot using Microsoft Bot framework, deployed it on Azure and configured it for multiple channels.
- Researched architecture to implement

Senior Software Engineer

CitiusTech

Aug 15 – Jul 16

- Analyzed logs to find and fix bugs, thereby reducing errors by 50%.
- Improved architecture for better maintainability and optimized code for performance by use of design patterns.

Software Engineer L2

Rolta India

Nov 14 – Jul 15

- Designed application to improve approval processes in Department of Industries.
- Wrote REST services to integrate data from multiple databases and SharePoint services and built visualizations on them.

Software Engineer

Paramatrix Technologies

Aug 12 – Nov 14

- Improved page load times by 100% from 3 secs to 1.5 secs.
- Interfaced with customers to elicit requirements and worked on client locations to build multiple web applications.

AWARDS AND CERTIFICATION:

- **Phi Kappa Phi:** Top 10% of graduating class (2018-2019)
- **MCSD:** Web Applications (Microsoft - Aug 2014)
- **STAR of the team:** Awarded for consistent performance by CitiusTech in 2016.
- **First prize:** Awarded for original idea at IBM Technical Event held at VJTI.