

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
<ul style="list-style-type: none">• 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	Cloud Technologies: AWS, Docker
Web Technologies: jQuery, Express.js, AngularJS, KnockoutJS, Node.js	Web Services: REST, SOAP
Frameworks: ASP.NET MVC, Flask, LINQ, Bootstrap, RabbitMQ, Netty	Testing: JUnit, NUnit, Moq
Databases: SQL Server, MySQL, PostgreSQL, Oracle 10g, Redis, MongoDB	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
<ul style="list-style-type: none">• Developed a chatbot using Microsoft Bot framework, deployed it on Azure and configured it for multiple channels.		
Senior Software Engineer	CitiusTech	Aug 15 – Jul 16
<ul style="list-style-type: none">• 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
<ul style="list-style-type: none">• 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
<ul style="list-style-type: none">• 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.