

SUMMARY:

Language agnostic new grad and experienced full stack software engineer looking to build web apps and services.

EDUCATION:

San Jose, CA **San Jose State University** **Aug 16 – May 18**
• **Master of Science in Software Engineering** | Specialization in Enterprise Software Technologies | **GPA: 3.74 / 4**

SKILLS:

Languages: JavaScript, C#, Java, Python, PHP, HTML5, CSS3, SQL
Web: jQuery, Knockout JS, Node JS, Express, Angular JS
Frameworks: ASP.NET MVC, Flask, Elasticsearch, RabbitMQ, Kafka, Bootstrap
Databases: SQL Server, MySQL, Postgres, Oracle 10g, Redis, Mongo, Cassandra

Cloud: AWS, Docker, Azure
Project: Agile, Kanban, Waterfall, Jira
Testing: JUnit, NUnit, Mocha, Chai
Version Control: Git, SVN, TFS

WORK EXPERIENCE: (4+ Years)

Software Engineer Intern **Tuutkia, San Jose** **Sep 18 – Nov 18**
• Worked mainly on front-end widgets and forms.

Software Engineer Intern **Icertis, San Jose** **Jun 17 – Aug 17**
• Developed a chat bot using Microsoft Bot framework, deployed it on Azure and configured it for multiple channels.
• Worked on APIs to connect bot with product and Workday services

Senior Software Engineer (1 Year) **CitiusTech, Mumbai** **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 (<1 Year) **Rolta, Mumbai** **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 (2+ Years) **Paramatrix Technologies, Mumbai** **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.

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.

[Analyzing Twitter streams \(Python, Kafka\)](#) [↗](#) **Spring 2018**
• Implemented solution to store and analyze twitter stream feed.

[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.
• Implemented multi-tenant Starbucks REST API in Python and Node.js with MongoDB and three-node replication.

[Trip Planner \(Python, JQuery, Bootstrap, MySQL\)](#) [↗](#) **Fall 2017**
• Built a REST application utilizing traveling salesman to find optimal route and cost comparison for trips.
• Integrated Google Maps, Uber, Lyft, Open Weather, Flickr APIs for displaying additional information about 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 and AWS server.

Face Tracking and Recognition (C#, Python, numpy, Arduino, OpenCV) **Fall 2017**
• Built apparatus to track faces and recognize them using OpenCV and C#.

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.