

## SUMMARY

Full stack developer with work experience in building web applications using Java/C#, Python, JavaScript, PHP, HTML5, CSS3 and SQL seeking internship.

## EDUCATION

San Jose, CA

San Jose State University

Aug 16 – May 18

- Masters in Software Engineering | **GPA: 3.9**
- **Coursework:** Software Design (Design Patterns, UML), Distributed Systems, Enterprise Application Development
- B.E. in Computer Engineering | Mumbai University

Aug 07 – May 11

## SKILLSET

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

**Cloud Technologies:** AWS, Docker

**Web Technologies:** Node.js, jQuery, Angular, Knockout.js, Underscore.js, DataTables.js

**Web Services:** REST, SOAP

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

**Testing:** JUnit, NUnit, Moq

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

**Version Controls:** Git, SVN, TFS

## ACADEMIC PROJECTS

### Distributed File Sharing and Storage (Java, Netty, Protobuf, Raft)

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

### Multitenant Starbucks (Node.js, Python, MongoDB, AWS)

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

### Trip Planner (Python, JavaScript, Bootstrap, MySQL)

- Integrated Google Maps, Uber, Lyft, Open Weather, Flickr APIs for comparing prices for a specified route
- Achieved robust handling of REST requests by building Python services

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

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

### Sherpa Marketplace (PHP, JS, Heroku, HTML5, CSS3)

- Designed a modern web marketplace using best practices and deployed on Heroku
- Pulled data from 5 different REST APIs using PHP and provided product recommendations to user

### Crime Report (Python)

- Implemented code to create an API to get unsafe places near the user location
- Analyzed frequency as well as severity of crimes to classify unsafe places

## WORK EXPERIENCE

Senior Software Engineer

Citius Tech

Aug 15 – Jul 16

### HCHB R2 (C#, Design Patterns, REST, SQL, PowerShell)

- Implemented Microsoft Code Analysis rules, fixed bugs and optimized code for performance
- Upgraded code for better maintainability by use of design patterns, reduced errors in application by 50%

Software Engineer L2

Rolta India

Nov 14 – Jul 15

### ERIMS (JavaScript, jQuery, C#, Web API, SQL, ASP.NET MVC, SharePoint)

- Wrote REST services and workflows to improve processes in Department of Industries
- Created reusable jQuery components in the application

Associate Software Engineer

Paramatrix Technologies

Aug 12 – Nov 14

### Sales Transaction and Analysis (C#, JavaScript, ASP.NET MVC)

- Built a solution to keep track of certifications done by employees and provide statistics
- Improved page load times by 100% from 3s to 1.5s

### Angel Eye (JavaScript, C#, SQL, WCF, ASP.NET MVC)

- Added new features and handle change requests

### Gold Point of Sale (C#, jQuery, ASP.NET MVC, SQL)

- Wrote application used by Reliance Jewels outlets throughout the nation

## CERTIFICATIONS

- **MCSD:** Web Applications (Microsoft - Aug 2014)

## AWARDS

- **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