

# Gaurang K. Mhatre

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## Seeking summer internship opportunity as a Software Engineer for May 2017

### Education:

- **Masters in Computer Software Engineering** at San Jose State University, San Jose, California, Fall **2016-2018**
- **Bachelor of Computer Engineering** at Patel Institute of Technology, Mumbai, Maharashtra **2011-2014**

### Skills:

<b>Languages:</b> Java, C#, C++, Python(Beginner)	<b>Web:</b> Node.JS, Angular.JS, JavaScript, HTML, PHP, WordPress
<b>Microsoft services:</b> WCF, WPF, SSIS, SSRS	<b>Databases:</b> MS SQL, MongoDB, MySQL, Spark(Beginner)
<b>Libraries worked:</b> RabbitMQ, D3.JS, Passport.JS	<b>Operating System:</b> Linux, Windows
<b>Testing:</b> N-Unit, J-Unit, Mocha, chai, J-meter	<b>Collaboration tools:</b> Test-Track, Github, Surround, Jira

### Work Experience:

Software Engineer at **Gravitas, Mumbai**

**July 2014-April 2016**

- Was responsible for designing and implementing database architecture in **SQL server** for two different clients.
- Used **C#** and **ASP.net** for implementing software solutions and testing the same in **N-unit**.

### Projects:

#### Portfolio Rebalancer for Spruce Invest

**February 2016-April 2016**

**Technology Stack:** AngularJS, ASP.net, MS SQL 08

- Developed SQL logic for Rebalancing the portfolio for the client and designed Data Definition Layer for the same.
- Developed an AngularJS based visualization dashboard for Portfolio Rebalancer with D3.JS for Graph projection.

#### Gravitas Platform Engine:

**December 2014-February 2015**

**Technology Stack:** SSIS, SSRS, MS SQL 08

- This Engine was built for Position and Security reconciliation with flexible SQL based feed-configuration settings.
- Led a team of 3 interns to set-up 50 feed configurations in 2 months.

#### Fir tree partners Importer

**August 2014-December 2014**

**Technology Stack:** C#, MS SQL 08

- Implemented a WCF service to import >100,000 daily transactions from 9 different prime brokers.

### Academic Projects:

#### Enterprise Distributed System Web App:

**August 2016-December 2016**

**Technology stack:** NodeJS, AngularJS, MySQL, MongoDB, Express, RabbitMQ, Mocha, JMeter

- Developing a web application for online retailing and auctioning products with message queues and bootstrap.
- CMPE 273: Distributed Computing project of Masters at San Jose State University.

#### Data Centre Analytics with Pandas and Spark:

**October 2016**

**Technology Stack:** Pandas, Spark, IBM Blumix

- Identified the most dangerous airports in California considering Federal Aviation Administration's bird strike data.
- CMPE 272: Computing Architecture project of Masters at San Jose State University.

#### 2D Game using Software Design Patterns and following Agile Methodology:

**August 2016-December 2016**

**Technology Stack:** Greenfoot, Java, AWS, Docker

- Designed 2D Quiz game in Greenfoot with the implementation of the design patterns & developed it with Agile methodology.
- CMPE 272: Computing Architecture project of Masters at San Jose State University.

### Research Papers:

Published in *International Journal for Computer Application (IJCA)*

**Spammer Detection by extracting Message Parameters from Spam Emails**, Volume 78-Number 10

**2013**

**Sound Mixing and Recording on Mobile Devices**, Volume 98-Number 7

**2014**

### Certification and Training:

- Oracle Certified Java SE6 Programmer **2011**
- Coursera: Computer Networks by David Wetherall- University of Washington **2014**
- Oracle 10g Fundamental-1 and Fundamental-2 workforce Development Program **2011**