

GAURANG MHATRE

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Seeking internship opportunity as a Software Engineer

Education:

- **Masters in Software Engineering** at San Jose State University (SJSU), San Jose, California **2016-2018**
- **Bachelor of Computer Engineering** at Mumbai University, India **2011-2014**

Skills:

Languages: Java, C#, C++, Python(Beginner)

Microsoft services: WCF, WPF, SSIS, SSRS

Cloud technology: AWS, IBM Bluemix, Docker Cloud

Operating System: Linux, Windows, Mac

Web: Node JS, Angular JS, JavaScript, HTML, CSS, WordPress

Databases: MS SQL, MongoDB, MySQL, Spark(Beginner)

Libraries worked: RabbitMQ, D3 JS, Passport JS, Require JS

Testing: N-Unit, J-Unit, Mocha, chai, J-meter

Work Experience:

Software Engineer at Gravitas, Mumbai

July 2014-April 2016

- Developed a strong background in C# and ASP.net to process large datasets with Language-Integrated Query (LINQ).
- Responsible for implementing database architecture with procedures in **SQL server** for two hedge fund clients.

Projects:

Portfolio Rebalancer

February 2016-April 2016

Technology Stack: Angular JS, ASP.NET, MS SQL 08

- Rebalancer was built to realigning the weightings of a portfolio of assets for client - Spruce Invest.
- Implemented an Angular JS based visualization dashboard for Portfolio Rebalancer with D3.JS for Graph projection.
- Developed ASP.NET MVC application to expose the API endpoints for the User Interface.
- Developed SQL logic for rebalancing the portfolio and designed Data Definition Layer for the same with SQL Metal.

Fir tree partner's data Importer

August 2014-December 2014

Technology Stack: C#, SSRS, MS SQL 08

- Implemented a WCF service in C# to import >10,000 daily transactions from 9 different prime brokers.
- Developed SSRS reports to identify missing data and files which impacted in reduced diagnosis time by half.
- Led a team of 2 interns to set-up 70+ SQL based feed configurations for ETL in 2 months.

Academic Projects:

Horo web application: (SJSU)

October 2016- December 2016

Technology Stack: Node JS, HTML5/JS/CSS3, AWS S3/EC2

- Building a web based platform for connecting half a million homeless people with 1000+ NGOs, personal trainers, employers to help them acquire new skills, find an appropriate job and recover from their financial crisis.

2D Game using Software Design Patterns: (SJSU)

August 2016- December 2016

Technology Stack: Greenfoot, Java, AWS, Docker

- Designing 2D game in Greenfoot with the implementation of the design patterns & Agile methodology.
- Hosting the game on AWS with Docker hub.

Enterprise web app for online retail: (SJSU) [Link - <http://bit.ly/2ftWVZ1>]

August 2016- December 2016

Technology stack: Node JS, Angular JS/RabbitMQ/Express, MySQL, MongoDB, Mocha, JMeter

- Developing a web application for online retailing and auctioning products with message queues and Node JS.
- Testing the application with JMeter and Mocha.

Research Papers:

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

- Spammer Detection by extracting Message Parameters from Spam Emails [Link - <http://bit.ly/2epS5XW>] **2013**
- Sound Mixing and Recording on Mobile Devices [Link - <http://bit.ly/2eAkFcz>] **2014**

Certification and Training:

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