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++, Python, C, C#   **Web:** Node JS, Angular JS, JavaScript, HTML, CSS, WordPress
Cloud technology: AWS, IBM Bluemix, AppEngine   **Databases:** MS SQL, MongoDB, MySQL, DB2, Spark(Beginner)
Microsoft services: WCF, WPF, SSIS, SSRS   **Libraries worked:** RabbitMQ, D3 JS, Passport JS, Require JS
Operating System: Linux, Windows, Mac   **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 **JavaScript**, **AngularJS** and **ASP.net** to process large datasets with LINQ.
- Implemented database architectures using stored procedures, document Libraries for two hedge fund clients.

Projects:
Portfolio Rebalancer   **February 2016-April 2016**
Technology Stack: Angular JS, ASP.NET, MS SQL
- 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/Mocha/JMeter, MySQL/MongoDB
- 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**