VINEET AHIRKAR

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EDUCATION

Master of Science in Computer Science
University of Maryland, Baltimore County

Expected May 2018

Bachelor of Engineering in Information Technology 61% (First class with distinction), GPA 3.4
Marathwada Mitra Mandal's College of Engineering, University of Pune, India

May 2014

TECHNOLOGY

- Languages - Java, Javascript, Ruby, Python, C, C++.
- Web Development - Ruby on Rails, BackboneJS, JQuery, NodeJS, AngularJS, Django, Bootstrap, HTML, CSS.
- Databases - MongoDB, Redis, MySQL, Oracle.
- Softwares - Git, GitHub, Selenium, CHEF, Eclipse, Jira.

WORK EXPERIENCE

Senior Software Engineer at Amura Marketing Technologies   June 2014 - June 2016
Core application development along with responsibilities such as documentation, testing, deployment, and mentoring new recruits. Products worked on -

- **sell.do** - http://sell.do
  Handled microservices such as cloud telephony, bulk email and sms manager, automated reporting tools, worked on backboneJS to build a fluid UI, used Redis as a caching layer above the database.
- **advertise.sell.do**
  Analyzed metrics from raw data of marketing campaigns for making better campaigns in the future and targeting the perfect audience. Heavy use of dynamic collections and pre-aggregation in MongoDB, used Sidekiq for background jobs and Redis for job syncronization). Testing using Rspec and Capybara.
- **IRFS** - http://www.irfs.in
  Built a real estate portal having features such as coupon generation and redemption. Had full ownership of the server-side modules. Customer tracking using Google Analytics and conversions using Facebook pixel.
- **ad creative automation**
  Worked on HTML5 canvas & fabricJS to design a tool for creating ad banners for online marketing campigns. Used imagemagick for image processing, filtering & compression.
- **pages.sell.do**
  Designed a web based interactive tool to create responsive landing pages. Heavy use of backboneJS & Marionette going upto 150 views and 100 models at a time. Did webpage profiling and enhancements using chrome profiler. Managed concurrency of background jobs. Testing using Selenium, PhantomJS and Jasmine.

ACADEMIC PROJECTS

Social Integration Platform   May 2014
- Designed a web based platform which Integrates feed from social networks such as Facebook, Twitter, Linkedin and does sentiment analysis on the feed, created using Ruby on Rails, MySQL, HTML, CSS & JS**.**

Quiz Game   May 2013
- A web based app created using Java (Servelets & JSP), HTML, and MySQL for college competitions.

Student Records Management System   Dec 2013
- A standalone application in *Visual Basic 6.0 & Oracle* for managing student records.

EXTRACURRICULAR ACTIVITIES

- Qualified for the finale round of 'Techgig Code Gladiators', Ranked 5th in Ruby on Rails category & 63rd in general category.   April 2016
- Seminar on "*Web Sockets with optimal concurrency models in Ruby on Rails*".   Dec 2015
- Blog on "*html5 canvas as a next gen animation tool*" - http://bit.ly/2bABNhW.   July 2015
- Seminar on "*Motion Sense Gaming in XBOX kinect using Machine Learning*".
  Nov 2012
- Started open source contributon by fixing a bug in marionettejs-inspector - http://bit.ly/2dQzEBo.
- Created a gradient picker using HTML and Javascript - https://github.com/vinzee/gradx.
- Mentored a team in rails girls summer of code.
- Participate in technical conferences and meetups involving Java, JS & Ruby.
- Head Coordinator of the website team for our college technical event 'Dexterity'.   April 2014