

EDUCATION

North Carolina State University, Raleigh, NC

Master of Computer Science

Dec 2015(Anticipated)

GPA: 3.61

University of Pune, India

Bachelor of Engineering

May 2012

First Class Graduate

TECHNICAL SKILLS

Languages C, Java, Ruby

Web Technologies HTML, CSS, JavaScript, JQuery, AngularJS, JSP/Servlets, NodeJS, ExpressJS

Databases PostgreSQL, MySQL, Oracle Database 11g

Platforms Windows XP/7/8.1, Linux

Tools Git, PhoneGap, Atlassian JIRA, Atlassian Confluence, VIM

IDE Eclipse 4.x, Visual Studio 2010, IntelliJ IDEA 14, RubyMine 7, WebStorm 9

RELEVANT COURSEWORK

Design and Analysis of Algorithms, Object Oriented Design and Development, Advanced Data Structures, Software Engineering, Advanced Algorithms and Internet Protocols.

RELEVANT EXPERIENCE

Strayatech, India - Java Developer

Nov 2013 – June 2014

- Core team developer for designing and implementing a custom Java Framework using Play Framework.
- Developed server side module of Customer Relationship application using our own custom framework.
- Designed a single page front end of the Customer Relationship application using AngularJS.
- Provided multiplatform support by creating installable apps for iOS, Android and Windows using PhoneGap.

Cognizant Technology Solutions, India - Programmer Analyst Trainee

Sept 2012 – April 2013

- Received a rigorous six months training on Core Java, Advanced Java and Oracle Database 11g.
- Developed an MVC architecture based Share Market Management System in Java. Designed this system using Abstract Factory Pattern and Factory Pattern with front-end JSP and CSS.

COURSE PROJECTS

- **Twitter Sentiment Analysis:** Used NodeJS platform to develop a web application to perform a basic sentiment analysis on the tweet stream and implemented Twitter Streaming API and ntwitter module of NodeJS for retrieving and managing the streaming data.
- **Google-Map based directions API for Sahana Eden (OSS):** Added Google Maps API v3 Maps Service and Directions Service to Sahana Eden (Open Source Disaster Management System) to assist their dispatch process of relief pack. This utility provided visual guidance to the truck drivers to reach the destination.
- **OSS Contribution to Sahana Eden:** Investigated the performance of different Script Loaders (HeadJS, LabJS, and RequireJS) to speed up the JavaScript loads within Sahana Eden.
- **OSS Contribution to Node Community:** Developed a Markdown to HTML parser in Node and published it to npm for anyone to download and use.
- **Direwolf Job Portal:** Designed and developed a Job Portal using Ruby on Rails, HTML and CSS. Designed a job recommendation algorithm based on previous job searches. Implemented testing using RSpec.

ACTIVITIES

- Technical Head for Association of Computer Engineering Students at Sinhgad Institute.
- Provided basic computer training at Future Darshan Yuva Welfare Society (NGO) in Delhi, India.