ADITYA GAJBHIYE

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EDUCATIONAL QUALIFICATIONS

Year	Degree/Certificate	Institute/Board	CPI/%
2014-2018	B.Tech., CSE	IIT Kanpur	7.5/10
2014	Maharashtra SSC	State Board Maharashtra	91%
2012	Matriculation	CBSE	9.8/10

INTERNSHIPS

JAVA Developer *May 8, 2017 - July 14, 2017*
VMware Bangalore, India
- Developed Kubernetes cluster monitoring and alerting system.
- Improved performance by reducing workload, increased robustness, performed testing using Mockito.
- Learned Kubernetes architecture and vROps Adapter SDK as a part of development process.
- Followed Agile development methodology.

Full-Stack Developer *May 9, 2016 - July 8, 2016*
AxisRooms Bangalore, India
- Built a web based GUI to on-board customers which earlier was done manually with scripts.
- Uses angularjs as front-end, nodejs & express as back-end and mongodb as database(MEAN Stack).
- Successfully increase efficiency and productivity of on-boarding process with simple interface.
- Developed RESTful APIs for all CRUD operations.

PROJECTS

KeyboardNinja Ruby on Rails Game(Self-Project) *October 2016*
- An online multiplayer typing game build on Ruby on Rails.
- Developed RESTful APIs for creating, joining games, getting result and updating players current position.
- Built and deployed using Ruby on Rails, Coffeescript, MySql, Postgres, AJAX, jQuery and Heroku.
- Read "Learn Web Development with Rails" by Michael Hartl and grasped the basics of Rails.

College Festival APP(Android) *May 2015 - Oct 2015*
- Built the Android application for the college cultural festival, Antaragni.
- Users can view schedule, event details, venue map and contact details of event organizer.
- Notifications, Result declaration, Reminders are provided through GCM.
- Licensed under Apache License. App is designed to be usable for other events.

Hostel Room Allocation (CS252 Project) *November 2016*
- Developed an application for allocating rooms based on students' preferences.
- Solved taking inspiration from Stable marriage and Hungarian algorithms.
- Developed using MEAN stack and python, including libraries like Passport(authentication) and Bcrypt(encryption).

Perl Compiler (CS335 Project) - Developed Perl compiler using Python.
DBMS-UI (CS315 Project) - Developed Qt-based GUI for performing queries on MySQL server.
De Bruijn Sequences (CS201 Project) - Study and understand the creation of de bruijn sequences, their real life applications and using them to do mathematics based card tricks.

TECHNICAL SKILLS

- Programming Languages: C | C++ | JAVA | Python | Ruby | Perl
- Web Development: HTML | CSS | PHP | JavaScript | Typescript | AngularJS | NodeJS | Express | BootStrap | MongoDB | MySQL
- Technologies: Kubernetes | Docker | Tensorflow | Git | Perforce | Android Studio | vROps Adapter SDK
- Operating Systems/Tools: Linux (Arch Linux & Ubuntu) | Windows | Sublime | Visual Studio Code | Vim | Latex | Eclipse

RELEVENT COURSES

CS-771 Machine Learning	CS-425 Computer Networks	CS-628 Computer Security
CS-315 Principles of Database Systems	CS-210 Data Structures and Algorithms	CS-345 Design and Analysis of Algorithm
CS-330 Operating Systems	CS-335 Compiler Design	CS-340 Theory of Computation