

VAIBHAV MITTAL

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EDUCATION

Texas A&M University, College Station, Texas

Master of Science in Computer Science

Cumulative GPR: 3.84

May 2017

National Institute of Technology, Kurukshetra, Haryana, India

Bachelor of Technology in Computer Engineering

Cumulative GPR: 4.0

May 2013

INTERNSHIP

Facebook Inc., Menlo Park, CA, USA

Software Engineer Intern

May-August 2016

- Worked on a project that will enable local businesses to drive real-world outcomes for their business through Facebook pages.
- Allowed different actions on a page to be unique and customizable.

Amazon Development Centre India Pvt. Ltd., Hyderabad, Andhra Pradesh, India

Software Development Intern

June-July 2012

- Independently developed a new service that integrated several systems
- Automated a query which resulted in reducing the manual effort by more than 80%

EXPERIENCE

Jasper Infotech Private Limited (Snapdeal.com), New Delhi, India

Software Engineer II

June 2013 – July 2015

- Developed a price comparison tool in python which compares the prices of a product on various ecommerce platforms
- Developed a new system for audio/video hosting and streaming using java and Linux tools
- Integrated external translator services to translate/transliterate the product catalog in several local languages
- Changed the underlining 2-level category hierarchy on the website to multi-level navigation
- Developed a new system for publishing product catalog changes in real time to Google for Google Ads

SKILLS

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|----------------------|------------------------|-----------------|--------------|
| • Java | • XHP (PHP) | • MySQL | • MongoDB |
| • ActiveMQ | • RESTful web services | • MVC Framework | • ReactJS |
| • Hibernate | • Maven | • Python | • Javascript |
| • Aerospike database | • Solr database | • Unix/Linux | • Eclipse |
| • Relay Framework | • GraphQL | • Flux Store | • C/C++ |

PROJECTS

Graduation Projects

- Sentiment Analysis on TripAdvisor - The purpose of the project was to read hotel reviews from TripAdvisor and re-rank these hotels based on the sentiment analysis of their reviews and location score of the hotel. A search engine was also created to search for best hotels in the city.

Under-Graduation Projects

- Research on leader election in mobile ad hoc networks – Proposed an improvement in research paper “Hierarchical Leader Election Protocol” by *Orhan Degdeviren and Kayhan Erciyes* to elect leader in mobile ad hoc networks by reducing the number of messages (given that each node has enough memory)
- Screened Local Area Map – Developed an Android application which provides a navigator for the college campus from some specific starting points to specific destinations without using internet connection