

Amogh Venkatesh

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Education

2017-Present	Master of Science in Computer Science University of Illinois at Chicago, United States of America [Coursework: Computer Algorithms, Database Systems, Distributed Computing System, Software Development on Mobile Platforms, AI Methods and Application]
2011-2015	Bachelor of Engineering in Computer Science and Engineering. Visvesvaraya Technological University, India

Experience

Software Engineer at Envestnet Yodlee, Bangalore, India (August 2015 – May 2017)

- Developed and maintained web crawlers for Personal Finance Management (PFM) product.
- Implemented enhancements based on customer requirement and management decisions to Yodlee Money Centre – a financial data aggregation which provides view to the customers.
- Resolved production issues related to performance or business logic.
- Guided and mentored the team members on complicated issues and ensures the on time fixes for major releases.

Web Development Intern at Raremile Technologies, Bangalore, India (January 2014 – March 2014)

- Integrated Google Maps for personal training application, for route map using JavaScript.
- Implemented the notifications and alerts features in a web application for personal training app.

Web Development Intern at Gavista Tech, Bangalore, India (June 2014 – August 2014)

- Integrated the two domains of the site, Legal Crystal into one by studying the entire structure of the framework and also upgraded the CakePHP framework version of the backend.

Skills

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- Programming languages: Java, Python, C, C++, SQL, JavaScript
 - Frameworks: Spring, Hibernate, Hadoop MapReduce, Selenium, Apache Solr
 - Web Technologies : HTML, CSS, Angular 5
 - Mobile Technology : Android
 - Version Control: SVN, Perforce, Git
 - Build tools: Maven, Gradle
 - Database: Oracle DB, Mongo DB

Projects

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- **Image Classification using Decision tree algorithm on Hadoop Map Reduce**
(Indian Institute of Science, Bangalore, India) [Jan 2015 – May 2015]
A project based on image classification using decision tree algorithm. It implemented Gaussian filter for the image and implemented C4.5 algorithm in JAVA on MapReduce.
 - **Lyrics API**
(Personal Project)
An API for song lyrics along with many other metadata of a song. Gathering song lyrics data by screen scraping from sites using Selenium and storing it in Apache Solr to perform an efficient search. Using JAVA 8 and Spring Boot for building the RESTful API.
 - **Budget Travel Buddy**
(Hackillinois 2018)
A travel application which suggests destinations along with hotels for accommodation and restaurants based on the city of origin, travel date and user priority for travel, i.e., flight, restaurant and accommodation. Built using Amadeus Sandbox APIs, Sabre API, Dark Sky weather API and Zomato API. Technologies used: Flask and Materialize CSS.