

# Pranitha Nagavelli

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## SUMMARY

- Highly motivated individual with a proven ability to generate results.
- Strong grasp of Object oriented programming concepts, algorithms & data structures, Databases, Web design along with design, development and implementation of responsive and dynamic frameworks.

## EDUCATION

Illinois Institute of Technology, Chicago IL	Masters in Computer Science	GPA: 3.5/4	May 2017
Amrita Vishwa Vidyapeetham, India	B. Tech in Computer Science	GPA: 3.6/4	June 2014

## SKILLS

**Web Development:** HTML5, CSS3, JavaScript, JQuery, PHP, Twitter Bootstrap, WordPress, AJAX.

**Database:** Oracle, Mongo DB, SQL Server, PL-SQL.

**Programming Languages:** Java/J2EE, C#.

**Frameworks:** AngularJS, Node.js Spring, Hibernate, ASP.Net

**Tools:** Microsoft Visual Studio, Eclipse, Git, SVN, Android SDK, AWS (EC2, SQS, DynamoDB, S3).

**Operating System:** Linux, Windows, Mac.

**Certification:** CCA HTML Level 1, CCA JavaScript Level 1, CCA JQuery Level 1.

## PROFESSIONAL / TECHNICAL EXPERIENCE

**Nihaki Systems PVT, India**                      **Junior Software Developer**                      **October 2014 – June 2015**

- Designed and developed enterprise applications being active on back-end of the application.
- Implemented back-end using Java/J2EE, JSP, Spring, SQL and Hibernate code that interfaced with an Oracle database, front-end technologies such as JavaScript, HTML and CSS are used, for a warning system web application.

**Infosys, India**                                      **Software Engineer, Intern**                      **January 2014 – May 2014**

- Developed a dynamic web application that was designed to send auto alerts to trainee's and trainers about the training schedules and other updates related to a particular course training.
- Designed presentation layer for dynamic web forms using ASP.NET 4.0 Framework. C#, encapsulating the business logic with strict adherence to Object Oriented Paradigms, ADO.NET for data manipulation of data.

**GameSpeed Application: [HTML, CSS, JavaScript, JSP, J2EE, MongoDB, JDBC, MVC, AJAX]**

- Developed an online video game retail store that has 3 different modules using HTML5 and CSS3 and business layer is developed using Servlets, Java Beans, JSP.
- Implemented auto Search Functionality using Ajax to display items stored.

**CloudKon Clone: [AWS: EC2, SQS, DynamoDB, Linux]**

- Implemented a distributed task execution framework, where EC2 instances programmed in Java are used as Scheduler, Worker and Clients.
- Programmed the Client instance that sends task to the Scheduler which uses SQS services to send Tasks to the Workers using Amazon SQS and Dynamo DB to handle the queue of requests to load balance across multiple workers.

**Account Operations for a Banking System [Java]**

- Model Driven Architecture is used to design and implement State Based Components using Java.
- Designed for the accounts is done using three patterns: Abstract Factory, State and Strategy Patterns.

**Advanced Database Organization: [C]**

- Designed and developed a database system using C with all the ACID properties including creation of a storage manager, buffer manager using page replacement strategies that help pointers and structures to create user defined records by dynamic memory allocation, record manager and B+ tree Index for faster data access.

**News Gateway: [Java, XML, JSON, Android Studio, SQLite, Service, View pager, Drawer Layout]**

- Developed an android application that displays current news articles from wide variety of news sources covering a range of news done via the NewsAPI.org news aggregation service.