

# Krunal Panchal

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## Education

- University of Massachusetts Boston**, Boston, MA Dec. 2015  
Candidate for a Master of Science in Computer Science  
Related Courses: Database Management System, Analysis of Algorithm, Object Oriented Software Development, Software Development Laboratory.  
Certification: AngularJS, CoffeeScript, Javascript, PHP, HTML5, Hardware and Networking.
- University of Mumbai**, Mumbai, IND Jul. 2011  
Bachelor of Engineering in Computer Engineering  
Related Courses: Introduction to Java, User Interface Design, Database-Backed Web Site and Web Services.

## Technical Knowledge

Languages	Java, Python, C++, ASP.NET, SQL
Web Technologies	AngularJS, Node.js, CoffeeScript, PHP, JavaScript, jQuery, Ajax, HTML5, CSS3
Databases	MongoDB, MySQL, Oracle 11g
Software	Eclipse, NetBeans, Dreamweaver, MATLAB, Dojo Toolkit, Visual Studio
Frameworks	Spring MVC, Magento, Joomla, Drupal, Ionic

## Professional Experience

- CAKE – Boston MA (Full Stack Developer)** Sep. 2015 – Present  
- Working as a Full Stack Developer, coordinating application among all three tiers with Ionic Framework and .NET.  
- Integral part of a three members team responsible to drive the product launch.
- Aras Corporation – Andover MA (Marketing Web Developer)** Jun. 2014 – Nov. 2014  
- Implemented the site map project using ASP.NET, which is live and used by the company.  
- Designed and developed the front-end module for the company website using Dojo framework.  
- Integrated the landing pages into PLM software using HTML and CSS, which used by many customers.  
- Performed rigorous unit testing and UX testing.
- WinMax technologies Pvt. Ltd. – India (System Engineer)** Apr. 2012 – Aug. 2013  
- Designed and developed numerous modules of websites using the MVC architecture and improved the existing backend functionalities using PHP and frontend functionalities using HTML, CSS and JavaScript.  
- Performed Testing in CRM Product, Social Networking websites (Cricket Interact, FriendsPod, VertexPod).
- KAMP InfoTech – India (Web Developer)** Aug. 2011 – Apr. 2012  
- Designed and developed multiple Web Applications using frontend and backend technologies according to the Business Requirements for numerous clients which helped them to improve productivity for the customers.

## Relevant Academic Projects

- LupusMate Android Application** – University of Massachusetts, Boston Fall 2015  
- Integrated an Android application with cloud platform with MQTT pub/sub middleware for IoT with Java on Android and JavaScript on EC2, Node.js and MongoDB.
- Web Application for Dean and Derek** – University of Massachusetts, Boston Spring 2015  
- Increased the website usability and readability by providing important section of the website on a single page responsive design which decreased the number of clicks by 20%.  
- Provided SEO keywords which diverts more traffic, and resulted the website to be available in top searches.
- Product Hub Web Application** – University of Massachusetts Boston Fall 2014  
- Designed and developed common platform where customers and retailers can trade in the products facilitating all the functionalities like online chat support, admin page and many more features using virtual store.