

Arzoo Patel

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Education

Master of Science – Computer Science, San Diego State University, California, USA May-2019

Bachelor of Engineering – Information Technology, Gujarat Technological University, Gujarat, India May-2017

Technical Skills

Programming Languages:	Java(proficient), C, C++, C#(.NET), Python, Swift
Web Technologies:	JSP, Servlet, PHP, Perl (CGI), REST API, Bootstrap, Foundation, Sass, CSS, HTML
JS Frameworks/Libraries:	JavaScript, TypeScript, Node.js, Angular, jQuery, AJAX
Database:	MySQL, NoSQL, MongoDB, Amazon S3, Firebase
IDE:	Android Studio, Visual Studio, NetBeans, Eclipse, VScode, XCode
Tools & Technologies:	Android, IOS, Amazon AWS, Git, JUnit, MySQL Workbench, Jira, Selenium

Experience

Full-Stack Developer | Arth Infosoft, Gujarat, India. Mar-2016 to May-2017

- Developed web applications and features in Agile/Scrum methodology and Test-Driven Development.
- Involved in design and requirements gathering for project for further improvements and enhancements.
- Created custom and responsive landing pages using Angular JS, JS/ jQuery and Bootstrap for front-end.
- Collaborated with co-workers to establish backend functionality using PHP and MySQL.
- Discussed, analysed and strategized product design with Product Managers and UX/UI team.

Project Intern | Renaissance Educare, Gujarat, India. Aug-2015 to Apr-2016

- Created online Practice Test (GRE340) for Renaissance Educare using JSP and Servlets.
- Met with users to gather requirements in the early stages of the development process to build architecture.
- Designed, developed and enhanced look and feel using HTML, CSS and JavaScript, jQuery and Ajax.
- Identified, documented and reported bugs, errors, interoperability flaws and other issues within applications.
- Created and executed automated software test plans, cases in Junit.

Projects

Final Knife | iOS, Swift, Firebase, NoSQL, and JSON

Developed an iOS application which store, edit and retrieve recipes from the database with user registration.

Concentration | IOS, Swift

iOS card game in which all of the cards are laid face down on a surface and two cards are flipped face up over each turn.

SDSU Class Registration | IOS, Swift, Alamofire, JSON

Designed Android and IOS application for SDSU Class Registration to view, filter, add and drop multiple class.

The Camera Store | Android, Java, Firebase, NoSQL and JSON

Developed full functional Android application to browse, search, filter and buy Camera.

Ball Game | Android, Java, 2D graphics, Multi-touch, Multi-threading

An android app that lets the user create and move circles on the screen which bounce off screen edges.

Inventory System for Car Seller | State Management, Sessions & Cookies, Encryption and Data Serialization

Designed web application for administration to add, edit and remove inventory for their business.

Internal Zoo Management System | Angular JS, NoSQL, MongoDB and Node.js

Designed integrated set of functions to support management of a zoo. Includes Software planning, Requirement analysis, Alternative analysis, Peer review, Architecture, System Design, Software development, Test planning, Testing.

Professional Training & Workshop

iPhone Application Development | Stanford University

Learned foundational programming, data manipulation, core graphics, touch handling and gestures, animations and transitions, alerts and actions as well as advanced algorithms, threading and more.

Front-End JavaScript Frameworks: Angular | University of Bangkok

Learned angular framework, angular router, Angular Material and Angular Flex-Layout for responsive UI design, Reactive forms, Client-server communication using JSON server, REST API, Angular Testing.

Server-side Development with NodeJS, Express and MongoDB | University of Bangkok

Learned NodeJS Platform, CRUD operations, NoSQL databases, in particular MongoDB and Mongoose, RESTful API, Backend as a service (BaaS) approaches.

Relevant Courses

Applied Computer Vision, Android Mobile App Development, iPhone/iPad Mobile App Development, Theory of Parallel Algorithms, Web Technology, Object Orient Programming, Information and Network Security, Cloud Infrastructure and Services, .Net Technology, Big Data Analytics, Database Management System, Software Engineering.