

Arzoo Patel

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Education

Master of Science – Computer Science, San Diego State University, alifornia, USA May-19

Bachelor of Engineering – Information Technology, Gujarat Technological University, Gujarat, India May-17

Technical Skills

Programming Languages:	Java(proficient), C, C++, C#(.NET), Python
Web Technologies:	JSP, Servlet, PHP, Perl (CGI), Bootstrap, HTML, CSS
JS Frameworks/Libraries:	JavaScript, Node.js, Angular JS, jQuery, AJAX
Database:	MySQL, NoSQL, MongoDB, Amazon S3, Firebase
IDE:	Android Studio, Visual Studio, NetBeans, Eclipse
Tools:	Git, MySQL Workbench, Microsoft Office

Experience

Full-Stack Developer | Arth Infosoft, Gujarat, India. Mar-16 to May-17

- 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-16 to Apr-17

- Created online Practice Test (GRE340) for Renaissance Educare using JSP and Servlets.
- Meetings 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

The Mobile Store

Developed full functional Android application for selling mobile phone. User can browse, search, filter and buy phones with this app. Created with the using Android Studio, Firebase, Java, NoSQL, JSON.

SDSU Class Registration

Designed Android application for SDSU Class Registration which allow students to add and drop multiple class. Used Volley to connect to server, to make request and fetch data from server.

Ball Game

An android app that lets the user create and move circles on the screen which bounce off screen edges. Key Features: Touch events, 2D graphics, Multi-threading.

Online Car Seller

Created an online Car selling store that allows customer to browse the various products offerings and purchase products online with shopping cart features. Developed using HTML, CSS, JavaScript, jQuery, Ajax, Java Servlets and JSP is used for all dynamic code generation and SQL database operation.

Inventory System for Car Seller

Designed web application design for admin side to add, edit and remove inventory for their business. This project reinforces the basic skills like State Management, Sessions & Cookies, Encryption and Data Serialization.

Internal Zoo Management System

Designed integrated set of functions to support management of a zoo. Includes the Software planning, Requirement analysis, Alternative analysis, Peer review, Architecture, System Design, Software development, Test planning, Testing. Used technologies like Angular JS, NoSQL, MongoDB and Node.js.

Relevant Courses

Android Mobile and App Development, Theory of Parallel Algorithm, Web Technology, Object Orient Programming, Information and Network Security, Cloud Infrastructure and Services, .Net Technology, Big Data Analytics, Database Management System, Software Engineering.