Arzoo Patel

⌂San Diego, CA, 92115 | ✆+1 619 751 6378 | ✉arzoo9@yahoo.com | in linkedin.com/in/arzoo9 | 🗎 arzoo9.github.io

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#(.NET), Swift, Python, CSS, HTML
Web Technologies:	Spring, Spring Boot, JSP, Servlet, REST API, Bootstrap, Foundation, Sass
JS Frameworks/Libraries:	JavaScript, TypeScript, Node, Express, Angular, jQuery, AJAX
Database:	MySQL, MongoDB, Amazon S3, Firebase, NoSQL, JDBC, MySQL Workbench
IDE:	XCode Android Studio, Visual Studio, IntelliJ IDEA, NetBeans, Eclipse, VScode
Tools & Technologies:	Android, IOS, Amazon AWS, Git, Maven, JUnit, 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.
- Designed and developed operational application for the School using Spring, Spring Boot, Angular, JSON, NoSQL, MongoDB, Maven, Junit for students to log in and manage benefits.
- Designed and developed application using Node, MongoDB, Express, NoSQL, HTML, JavaScript, jQuery, Bootstrap to track hours logged and paid time off for their employees.
- Discussed, analyzed 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, SQL 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

Rest API Server | Node, Express, Mongoose, MongoDB, Postman, OAuth, JWT, Passport-Authentication
Develop a full-fledged REST API server to implement the end-to-end solution integrating with JWT authentication.
Face & Eye Detection | Python, Cascade, SVM, OpenCV, NumPy, Cascade, Python Dlib API, Anaconda, Spyder
Prepared and compared the two models using well-known methods (Cascade, SVM) to detect face and eye in running car.
Final Knife| iOS, Swift, Firebase, NoSQL, and JSON
Developed an iOS application which store, edit and retrieve recipes from the database with user registration.
The Camera Store | Android, Java, Firebase, NoSQL and JSON
Developed full functional Android application to browse, search, filter and buy Camera.
Online Car Seller | HTML, CSS, JavaScript, jQuery, Ajax, Java Servlets, JSP and MySQL
Created an online store that allows customers to browse and purchase products online with shopping cart features.
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

Front-End JavaScript Frameworks: Angular | University of Bangkok
Learned Angular framework, Angular router, Material and Flex-Layout for responsive UI design, REST API, Testing.
Server-side Development with NodeJS, Express and MongoDB| University of Bangkok
Learned NodeJS Platform, CRUD operations, NoSQL, MongoDB and Mongoose, RESTful API, Backend as a service (BaaS).
Cyber Security Workshop | Alpha College of Engineering
Learned about SQL injection, Trojan Horse, key logger, Phishing, Man-in-the-Middle, Malware, Denial-of-Service.

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.