

Darshan Patel

(551) 226-2151 | darshan151194@gmail.com | www.linkedin.com/in/darshan15patel | <https://darshan15.github.io/dpatel>

PROFILE SUMMARY

Around 2 years of experience in Software Development Life Cycle including Analysis, Design, Development, Testing and Implementation of Cross Platform (Web application, Client-Server, Internet/Intranet) using JAVA/J2EE technologies.

- Expertise in working with Core Java concepts like Collections, Multithreading, Data Structures, Exception Handling, and Serialization.
- Used and working with RESTful web services.
- Working knowledge of HTML, CSS, JavaScript, Angular JS, React JS, Node JS, and AJAX.
- Familiar with UI components such as Popup Dialog, ViewPager, Button, TextView, ImageView, Gallery, ListView, GridView, and CardView.

EDUCATION

NEW YORK INSTITUTE OF TECHNOLOGY, New York, NY

May 2019

Master of Science in Computer Science

GUJARAT TECHNOLOGICAL UNIVERSITY, GJ, India

May 2017

Bachelor of Engineering in Computer Science and Engineering

TECHNICAL SKILLS

- **Languages** : C, C++, JAVA, ASP.NET
- **Web Technologies** : JavaScript, Node JS, React JS, HTML, CSS, PHP, Python, RESTful services
- **Databases** : MySQL, MongoDB, Oracle, PostgreSQL
- **Platforms and Tools** : Agile Methodologies, Software Development Life Cycle, Scrum, Redux, Git, Micro-services, Eclipse
- **Testing tools** : JIRA, Selenium
- **Gaming Technologies** : Game Development in unity 3D/2D, Modeling in Blender

EXPERIENCE

Software Engineer, Tata Consultancy Services (Sony Pictures), Culver City, CA

Oct 2019 - Present

- Working on a web application, front-end is designed in Angular 7.
- Used various features of Angular 7 like data binding, custom pipes, routing, custom directives, string interpolation, dynamic binding to meet custom requirements.
- Used Angular 7, TypeScript, HTML5, CSS3 to build (SPA) Single Page application.
- Working on case study using agile methodologies and developing module based on the given requirements with help of technologies like Java, JSP, JavaScript.

Programmer Analyst Intern, Spica Computers LLC, Jersey City, NJ

Sep 2019 - Oct 2019

- Developed, modified, and maintained assigned programs for various systems as well as monitored their operation and responded to related problems by identifying and correcting errors in logic and coding.
- Reviewed user requirements as well as performed analysis, design, implementation, installation and training related to new software or system developed.
- Made efficient use of hardware and software resources as well as developed and reviewed test plans, test data and code to determine whether programming logic created the desired results.

Graduate Tutor, NYIT, New York, NY

Jan 2019 - May 2019

- Work with students to improve their coding skills in certain programming languages (JAVA, Micro-services, HTML, CSS, React)
- Prepare lessons, and assign coding challenges.
- Evaluate student's progress and discuss the results with students.

Full Stack Developer Intern, AV DEVS Solutions, Vadodara, India

Jun 2016 - Jul 2017

- Worked with developers, designers, system admins, and customers to satisfied their needs and requirements.
- Assisted in Analysis, Design, development of new software solutions.
- Developed applications for compatibility across different browsers; modified (JAVA, HTML, JavaScript, etc.) to ensure web functionality was consistent across various browsers like IE, Firefox, Chrome and Safari.
- Detected and fixed a significant amount of bugs and security issues.

TECHNICAL PROJECTS

3D Multiplayer FPS(First Person Shooter) Game

- Worked effectively in a team of three for development of 3D Multiplayer FPS (First Person Shooter) game, which included host migration.
- Project based on a game with a first-person point of view with which the player sees the action through the eyes of the player character.
- Met project objective to make use of Unity3D game engine built-in multiplayer architecture with Host-migration.
- Created 3D assets in Blender, and Photoshop.

Face Detection And Facial Expression Recognition

- Studied research paper Real Time Face Detection and Facial Expression Recognition: Development and Applications to Human Computer Interaction based on Machine Learning, and Artificial Intelligent and generate term paper under Artificial Intelligent course.
- Performed various practical with the help of MATLAB.

Online Food Delivery System

- Designed and developed Mobile application and website for taking order from customer and directly send that order to restaurant.
- Utilized various Microsoft Visio tools to design and model the project.
- Developed the project using WampServer, HTML, CSS, javascript, PHP, MySQL, and Android Studio.

CERTIFICATION

- **JAVA Programming and Technology**
- **The Complete Web Developer: Zero to Mastery (JavaScript, React.js, Node.js, Redux, Express.js)**