

Dipali Makadia

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SUMMARY

- With over 6 years of experience in software development, have specialization in both client and server-side work, delivering high-quality products and maintaining effective written and verbal communication with clients.
- Hands-on experience in implementing website navigation layouts across various platforms and devices, with expertise in Responsive Web Development, W3C Standards & Cross Browser Compatibility.
- Strong background in Agile and Scrum methodologies, problem-solving, troubleshooting, testing, debugging, and version control.
- Experience in Frontend, Backend, and Full Stack development tasks.

EXPERIENCE

Graduate Student Assistant

California State University Los Angeles

03/2022 - Present

- Conduct virtual Zoom meetings to provide individual students with feedback on their theses submitted in MS Word and PDF formats.
- Offer guidance on referencing styles, citations, bibliography, and assist in rectifying formatting errors, delivering additional feedback via email.

Programmer Analyst

Cognizant

05/2021 – 01/2022

- Collaborated on the **O2 project**, utilizing HTML5, CSS, SCSS, JIRA, NodeJS, ES6, JavaScript, JQuery, GIT, and Adobe Target to develop engaging and responsive front-end components.
- Worked with cross-functional teams and followed industry standards for effective integration and functional code.

Associate Interface Developer

Digitas

05/2019 – 05/2021

- Programmed **DMI website** with team, using HTML5, CSS3, Highcharts, D3, GIT, Handlebars for HTML components, NPM, JavaScript, ES6, jQuery, Bootstrap, NodeJS, and ReactJS to develop visually appealing, interactive graphs and front-end components.
- Built a single-page app containing a dashboard, graphs, roadmap, and calendars, conducted testing, and involved closely with designers and back-end developers to keep up the best quality of the project.
- Followed best practices for responsive designs, standardized and optimized code as necessary, and integrated Highcharts for data visualization capabilities.
- Expanded **Formula1** by implementing tracking code and set up data filters using Google Analytics and JQuery. Explored new concepts through research using Google Cloud and Nodejs.

Senior Software Developer

Motes & Bots Technologies

07/2018 – 02/2019

- Led the team on the **Smart Office Project** to develop a secure and user-friendly website for office management, utilizing ReactJS, Firebase, NodeJS, HTML5, CSS, Bootstrap, and AWS.
- Features like user authentication and authorization was established, CRUD operations for employee data, and created modules for office management.
- Participated in **Smart Home** application to create a safe and easy-to-use dashboard for home management, using the latest technologies like Typescript, Angular, C#, and SQL Server. Then as per requirement migrated the Smart Home application using the latest technologies such as Angular, Firebase, NodeJS, HTML5, CSS, Bootstrap, and AWS.
- Created interfaces to interact with and manage databases.
- Gained knowledge of new technologies and implemented software development lifecycle, including the analysis, code, build, testing, and deployment.

Software Engineer Intern

Textron

07/2017 – 06/2018

- Contributed significantly to the team's effort on the **Request Tracker** website using C#, .NET Framework, HTML, CSS, and SQL Server.
- As a business requirement, designed dashboard for tracking requests, CRUD operations, featuring a user-friendly interface using HTML and CSS, and back-end functionality in C#.
- Used SQL Server for efficient database management, conducted unit testing, and collaborated with the project team and bug fixes.

EDUCATION

Master of Science, Computer Science

California State University Los Angeles

GPA - 3.84/4

01/2022 - 12/2023

Master of Technology, Computer Science & Information Security

Manipal Institute of Technology

08/2016 – 07/2018

Bachelor of Science, Information Technology

Gujarat Technological University

06/2012 - 07/2016

RECENT PROJECTS

Restaurant Customer Chat, AI Chatbot

- Defined a query-based restaurant information retrieval app, using React, Python, and FastAPI, ensuring smooth user interactions and Git and GitHub as a Version-controlled tool.
- Established a backend system that interfaces with the OpenAI API, extracting details from the restaurant's menu.
- Integrated Langchain which has the app's ability to understand and respond to user queries effectively.
- Set up deployment on AWS services which optimized app performance and scalability.

Personal Portfolio Website

- Designed and developed a personal website showing information that includes education, work experience, projects, skills, and contact details.
- ReactJS for dynamic elements, Tailwind CSS for styling, and GIT as a version control tool.

Task Management

- Dynamic and user-friendly web application made using technologies including VueJS, JSON, NodeJS, MongoDB, Express, HTML, CSS and Postman for API testing and validation.
- In a task distribution system, users, employees, and projects are uniquely linked with each other.

Security Algorithms

- Generated security algorithms, such as RSA and DES, in C/C++ and Java as part of a college projects

SKILLS

- **Frontend:** HTML5, CSS3, SCSS, Bootstrap, Tailwind CSS, Javascript, JQuery, React, Angular, Vue, ES6, Highchart, D3.js
- **Backend:** Nodejs, Java, Python
- **Database:** MongoDB, Firebase, SQL Server
- **Cloud:** AWS, Adobe Targets, Google Analytics, Google Tag Manager
- **Tools:** Visual Studio Code, Jupyter Notebook, Microsoft Office, Google Collab, Eclipse, Postman, Wordpress, Photoshop, JIRA, GitHub
- **Additional Skills:** API, AJAX, JSON, Accessibility, Web Services, Software Development Life Cycle, Object Oriented Programming, GIT, NPM, Gulp/Grunt, Bower, Handlebars, Nodemailer, Linux, Windows, Mac