Dipali Makadia

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SUMMARY

- With over 4 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.
- Experienced in frontend, backend, and full-stack development tasks, navigating layouts across various platforms and devices, responsive web development, W3C standards, cross-browser compatibility, web accessibility, Agile and Scrum methodologies, problem-solving, troubleshooting, testing, debugging, and version control.

EXPERIENCE

Graduate Student Assistant
California State University Los Angeles   **03/2022 – 12/2023**

- Scheduled individual Zoom meetings with students to discuss their thesis formatting, including referencing styles, citations, and bibliographies.

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.

Associate Interface Developer
Digitas   **05/2019 – 05/2021**

- Programmed the **DMI project** 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 collaborated closely with UX team and back-end developers to maintain project quality.
- Expanded **Formula1 project** 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 the **Smart Home** application to create a safe and easy-to-use dashboard for home management, using the latest technologies like Angular, Firebase, NodeJS, HTML5, CSS, Bootstrap, and AWS.
- Gained knowledge of new technologies and implemented software development lifecycle, including the analysis, coding, building, 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 a dashboard for tracking requests, CRUD operations, featuring a user-friendly interface using HTML and CSS, and back-end functionality in C#. Conducted testing, and collaborated with the project team and bug fixes.

RECENT PROJECTS

Data Visualization and Management Application

- Designed and developed a data visualization and management tool utilizing React and React hooks, integrating large and complex data in graphs and tables.
- Graph visualization with Highcharts, advanced table management features such as handling including filtering, sorting, and pagination using Material React Table and Material UI, export capabilities with export-to-csv library, notes component using Firebase as the backend and implemented smooth animations using the AOS Library.

Automated Restaurant Question-Answering app using ChatGPT API

- Defined a query-based restaurant information retrieval app using React, Python, and FastAPI, ensuring smooth user interactions and utilizing 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

- In Task Management App with components like users, employees, and projects are built and are uniquely linked with each other. Dynamic and user-friendly web application made using technologies including VueJS, JSON, NodeJS, MongoDB, Express, HTML, CSS and Postman for API testing and validation.

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, React Hooks, Redux, 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

EDUCATION

Master of Science, Computer Science   01/2022 - 12/2023
California State University Los Angeles
GPA - 3.84/4

Master of Technology, Computer Science & Information Security   08/2016 – 07/2018
Manipal Institute of Technology

Bachelor of Science, Information Technology   06/2012 - 07/2016
Gujarat Technological University