

Alap Raval

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Portfolio: <https://alapsraval.github.io/alap-portfolio/>

Summary

Experienced Full Stack Developer with expertise in HTML5, CSS3, Bootstrap, Javascript, JQuery, Angular, Node, React, D3, Leaflet, Plotly, MySQL, Python, and Pandas. Excellent team player and technology expert with innovative designing skills, computer proficiency, and ability to work in a stressful environment. Strong communication skills, with the ability to convey concepts/requirements between technical and non-technical stakeholders.

Technical Skills

Technologies: HTML, CSS, Bootstrap, JavaScript, jQuery, Node, Angular, React, D3, Leaflet, Plotly, ionic, Media Queries, LESS, SCSS, APIs, JSON, REST, AJAX, Python, Pandas, WordPress, R
Tools: MS Office, Adobe Suite, WebStorm IDE, Visual Studio Code, JupyterLab, Grunt, Bower, SLATE, AWS, JIRA, MAMP/WAMP, Anaconda, Homebrew, GIT, Github, CLI, Tableau, VBA
Databases: MySQL, MS ACCESS, ORACLE, SQL Server, PostgreSQL, SQLite, MongoDB, Big Data

Projects

Covid Catcher

- A web-based app for users to check Covid-19 situation before visiting a place.
- HTML, CSS, JavaScript, UI Kit and Leaflet.

Password Generator

- An application that enables users to generate random passwords based on criteria that they've selected.
- HTML, CSS and JavaScript

Web Scraping with Python

- A web application that scrapes various websites for data related to the Mission to Mars and displays the information in a single HTML page.
- HTML, CSS, Python, Pandas and Flask

Relevant Experience

Maven Wave

Full Stack Developer

- Design, develop and implement full stack web applications.
- Maintain and improve code integrity, security, data protection, and quality.
- Collaborate with your team to design new and enhanced features for an outstanding user experience.
- Implement new product features and GUI's, as well as improve and maintain existing functionality, monitor solutions and performance characteristics.
- Participate in design discussions, review sessions, and prototyping.
- Engineer cloud solutions on Google, AWS and Azure.

Chicago, IL

08/2021 - Current

Northwestern University
Developer

Evanston, IL
03/2016 - 08/2021

- Manage an extensive Slate instance to enhance the student and admissions staff experience.
- Work on system configuration, development and enhancements of the existing system to meet business needs.
- Design and build web forms and integrate them with project management tools using web APIs.
- Implement ETL process pipelines with JavaScript and Python, saving hours of manual work.
- Develop student facing web pages to help with the recruitment process.
- Monitor an infrastructure between different enterprise systems to avoid process interruption.
- Maintain software infrastructure, via patches, bundles, releases and maintenance packs.
- Lead data integrity and import process, importing over 500,000 records into Slate CRM.

Maven Wave Partners
Front-End Developer

Chicago, IL
06/2014 - 03/2016

- Developed rich single page and mobile applications with various JavaScript frameworks.
- Worked on bug fixes using different browser debugging tools.
- Built responsive web designs using HTML5, CSS3, LESS and Bootstrap 3.0.
- Worked as a technical leader alongside customer business, development and infrastructure teams.
- Helped customers develop scalable applications with rich user experiences.
- Participated in documenting, debugging, evaluating, and unit testing projects.

Walgreens
Front-End Developer

Lincolnshire, IL
12/2012 - 04/2014

- Developed user-friendly web UI for POS applications using front-end technologies.
- Implemented RWD using the mobile-first approach which increased mobile traffic by 30%.
- Implemented elegant page designs in standards-compliant dynamic XHTML and CSS.
- Implemented Java controllers for interaction with the services.
- Recommended solutions that best suit business and technology needs from a UI standpoint.
- Implemented programs to perform client-side validation for the POS applications using jQuery.

Education

Full Stack web development Certificate Program

09/2021

Northwestern University, School of Professional Studies, Chicago, IL

A 24-week full stack flex course focused on programming skills to build dynamic end-to-end web applications using HTML, CSS, JavaScript, Bootstrap, React.js, Node.js and Express.

Data Science and Visualization Certificate Program

05/2020

Northwestern University, School of Professional Studies, Chicago, IL

A 24-week intensive program focused on gaining technical programming skills in Excel, VBA, Python, R, JavaScript, SQL Databases, Tableau, Big Data, and Machine Learning.

Master of Science in Human-Computer Interaction

Master of Science in Computer Science (Major: Database Systems)

DePaul University, Chicago, IL

Bachelor of Science in Electronics & Communications

Hemchandracharya North Gujarat University, India