

VISHAL SUNKARA

FULL-STACK WEB & DATA VISUALIZATION ENGINEER

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in <https://www.linkedin.com/in/vishal-sunkara-624710123/> 🌐 <https://github.com/vsunkara23>
🔗 <https://vsunkara23.github.io/> (Citizenship: United States Of America) (Willing to Relocate)

SKILLS

Programming Skills: HTML5, CSS3, Python, JavaScript(ES6), SQL, R, C, Java, Haskell

Frameworks/Technical skills: D3.js, Node.js, Vue.js, React.js, Express.js, Django, Git, Android, PostgreSQL, MYSQL, SQLite, AWS EC2, Agile/Scrum, AJAX, Object-Oriented Programming, MVC

EXPERIENCE

Website Consultant

University Of California, Santa Cruz (Education)

📅 March 2020 – June 2020 📍 Santa Cruz, California

- Developed and deployed interactive, user-centered websites for the Oakes Service Learning Program using Wordpress (Divi Theme) and HTML/CSS.
- Participated in group meetings with other student developers to meet with program stakeholders and helped articulate their objectives and target audiences.
- Documented technical user guide to help clients understand site features and management of website.

Data Engineer Intern

Jama Wealth (Fintech Startup)

📅 Sept 2019 – Dec 2019 📍 Remote

- Worked on innovative company product Jama Advisory And Research On Stocks (JARS) building data pipelines using PySpark to provide data analytics of stock performance based on various financial parameters for 25,000+ clients.
- Produced comprehensive equity portfolio PDF Reports using Python frameworks like Matplotlib, Pandas, and Numpy in the Jupyter Notebook environment.

Software Engineer Intern

EPIQ (Legal Services)

📅 July 2019 – Sept 2019 📍 Hyderabad, India

- Participated in the development of a web service that features an interactive transcript editor application for a cloud-based transcription management system (ITOMS) in an Agile environment.
- Created reusable components using react.js and Material-UI, initiated client-server communication using the FETCH API for client-side rendering, and integrated Speechmatics API into the application to use various transcription services.
- Collaborated with developers to implement a RESTful service in C# ASP.NET Web API back-end application.

Software Engineer Intern

Aeries Technology (Information Technology & Services)

📅 July 2018 – Aug 2018 📍 Hyderabad, India

- Implemented an efficient time-tracking mobile application in Java through android studio with login activity and webview activity that allows Aeries Hyderabad Office to monitor the productivity of 100+ employees conveniently by phone. Published as private app on Google Play Store.

EDUCATION

Bachelor of Science,
Computer Science (cum laude, 3.53)

University of California, Santa Cruz

📅 Sept 2017 – June 2020

Coursework: Data Structures & Algorithms(Java), Networking, Algorithms & Abstract Data Types(Java), Introduction to Programming Accelerated (Java), Analysis of Algorithms(Java), Natural Language Processing, Computer Architecture, Distributed Systems, Operating Systems, Functional Programming, Data Programming & Visualization, Web Applications, Analysis of Algorithms(Java), Computational Models, Technical Writing For Computer Engineers, Database Systems

PROJECTS

1. CodePages

(HTML5, CSS3, Bootstrap, PUG, jQuery, Node.js, Express.js, SQLite, AWS EC2)

🔗 <https://git.io/JJ6bO>

- Developed a wiki web application geared towards programmers to foster a community of driven developers who document code practices, software projects and the latest happenings in software.
- Utilized various node modules like FlexSearch, Markdown-It, Uiud, Diff, and Diff2html to implement full-text search, a graphical diff viewer, support for Markdown and HTML editing, and etc.
- Launched an AWS EC2 instance running on Ubuntu and deployed the web application.

2. Real Estate Leads Web Scraper

(Python, Beautiful Soup, JSON, Regex, Requests, Urllib, Google Places API)

🔗 <https://git.io/JvJuh>

- Developed web scraping solution to automate process of finding 1000+ high-quality leads (ongoing Real Estate projects) and used 'xlwt' python module to write scraped lead details into Excel.
- Queried 'Google Places API' and parsed returned JSON data to extract leads info such as company website & phone number.

3. GSW 2016 Data Analytics Report

(R, nbastatR, ggplot2, dplyr)

🔗 <https://git.io/JvJuS>

- Produced report in markdown documenting processes of obtaining, cleaning, visualizing, and analyzing the top 5 players of the Golden State Warriors in the 2016 season.
- Used nbastatR package and R libraries to perform analysis and visualize shot chart to determine what shooting was critical for the success of the NBA players and which of those shootings made one player more successful than the other in the team.