Mark Giddings Jr

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TECHNOLOGIES

Proficient: CSS3, HTML5, Bootstrap, React.js, JavaScript, Python, Node.js,Express, PostgreSQL, OOP, Git, Figma, Excel
Experienced: TypeScript, Unit Testing (Jest, PyTest), React Testing Library, styled-components, Bcrypt, JWT, EJS, REST, AWS, Scrum, Netify, Railway

SOFTWARE PROJECTS

AI Article Summarizer (Independent) | Github | Website   March 2024 (1 Week)
- Integrated Redux into the application architecture to efficiently manage state and streamline data flow, ensuring scalability and maintainability as the project evolves.
- Implemented a user post feature on the front-end of the application, enabling users to create and share content with ease.
- Implemented a user input feature allowing users to submit URL links to articles, facilitating automatic summarization of the content, and providing concise summaries for user consumption.
- Implemented a seamless integration with the RAPID API, enabling the application to efficiently fetch articles from external servers for summarization, ensuring rapid access to a wide range of content sources.

Assembly (Independent) | Github | Website   Feb 2022 (1 month)
- Integrated the front-end and back-end of the application, facilitating seamless communication between the two components.
- Implemented a user post feature on the front-end of the application, enabling users to create and share content with ease.
- Ensured secure user authentication by incorporating password hashing into the application's backend.
- Deployed the application successfully, making it available to users through the website.

Give A Way (3-person group) | Github | Website   November-December 2022 (3 weeks)
- Connected the back end with the front end utilizing fetch calls
- Created various routes using react-router and pages that went to each rout
- Implemented my donations and past donations for user's to keep track of donations
- Utilized: React, react-router, Node.js, Express, Bcrypt, React-Bootstrap, Knex, PostgreSQL, Git

Reci-Key (3-person group) | Github | Website   Sept 2022 (1 week)
- Served as project manager, designed a complete MVP, and designed main web pages using Figma.
- Organized proper timeline for website features to be implemented using google sheets.
- Facilitated the implementation of organized code when deploying features by touching base with team members.

Flappy Bird (3-person group) | Github | Website   Aug 2022 (1 week)
- Participated in a three-person team to create a functioning classic game using the Kaboom.js library.
- Leveraged resources in Kaboom.js to implement proper game functions and audio to the game.
- Took the lead role in designing a fully functioning game with detailed operations.

FeelinScape (3-person group) | Github   April 2022 (1 week)
Inspired by the impact of the COVID-19 pandemic on African Americans' mental health
- The project opens the door for people of color to openly discuss challenges.
- Designed a responsive website to all screen sizes and implemented header and footer.
- Coached teammates to implement organized code.

EXPERIENCE

Computer Science Teacher - MESA Charter School   Brooklyn, NY | August 2023 - Current
- Developed and delivered comprehensive curriculum for software engineering, front-end web development, and JavaScript courses.
- Created engaging lesson plans, projects, and assignments to ensure students' understanding and practical application of programming concepts.
- Instructed students in a range of programming languages, with a focus on JavaScript, HTML, CSS, and front-end web development technologies.

Operations Associate - The Marcy Lab School   Brooklyn, NY | Oct 2022 - August 2023
- Organized and maintained storage rooms to ensure efficient access to supplies and resources.
- Conducted regular inventory checks and kept detailed records to monitor and manage stock levels effectively.
- Managed procurement of essential supplies, including food, to support the organization's daily operations.
- Maintained a clean and organized work environment by washing dishes, cleaning the building, and ensuring a pleasant office atmosphere.

Delivery Associate - Amazon Flex   Brooklyn, NY | Dec 2021 - Jan 2022
- Loaded packages from Amazon's warehouse scanning the QR code of all items to be delivered before they are loaded up.
- Delivered packages on assigned routes to Amazon customers in a safe and timely manner.
- Maintained a safe driving record by being compliant to transportation laws and regulations, safeguarding the company's liability.

Project Manager/ Construction Worker - EBC Construction   Brooklyn, NY | June 2012 – Nov 2021
- Oversaw and scheduled employees on each project; assigned employees to corresponding projects that matched their skills and abilities.
- Assisted with projects related to residential homes, apartment buildings, churches, and small businesses.
- Maintained the cleanliness of job sites, organized the distribution of materials, and managed the use of machinery and tools.
- Handled routine repairs to buildings such as installing pipes, support beams, painting, and sheet rocking.

EDUCATION
Software Engineering Fellowship - The Marcy Lab School   Brooklyn, NY | March 2022 - March 2023
- Completed 2,000 hours of coursework in web development, CS fundamentals, and leadership development
- Developed proficiency in HTML/CSS, JavaScript, NodeJS, ReactJS, SQL, and AWS.
- Contributed to the open-source community by writing blogs about programming technologies such as nested for loops

VOLUNTEER EXPERIENCE
Board Member - The Marcy Lab School   Brooklyn, NY | March 2023 - Present
- Nominated to represent the Spring 2022 cohort of 18 peers to serve as The Marcy Lab School's Young Trustee for a two year term.

CERTIFICATIONS
Electrical Engineering - APEX Technical School   Long Island, NY | June 2019 - Jan 2020
- Completed 900-Hour Electrician Training Certificate Program.

LICENSES AND AWARDS
- Top Tech Award in Advanced Electrical 1
- OSHA 30 Hour Construction Safety Certificate

INTERESTS
Passions/Hobbies: Poetry, Teaching.