Anton James

Full-stack Software Engineer | Front-end Software Engineer

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Green Card Holder

SUMMARY

Seasoned Full-stack Software Engineer with a background in Computer Science education and over 5 years of expertise in both Front-end and Back-end Development. Proficient in crafting, deploying and optimizing web applications using a diverse tech stack including JavaScript, React.js, Redux.js, Ruby on Rails, and Next.js. Led a team of engineers to successfully develop and deliver a website for donations, company updates and charity events. Passionate about seeking new challenges to continually refine and expand the skill set.

SKILLS

Programming Languages: JavaScript, TypeScript, Ruby on Rails, HTML5, CSS, C#, Python, Go
Frontend Technologies: Next.js, React.js, Redux.js, Tailwind CSS, Bootstrap, SASS, jQuery, JSON, Figma, Three.js, React Native
Backend Technologies: Node.js, Express.js, Ruby on Rails, ASP.NET, REST APIs, Web Services
Databases and Tools: SQL, MongoDB, PostgreSQL, Mongoose ODM, Webpack, Git, Vercel, Docker, AWS

EXPERIENCE

Full-stack Software Engineer   **Mar 2023 - Current**
BlueYellow Foundation | New York, NY
Non-profit organization dedicated to providing humanitarian aid and support to the people of Ukraine.

JavaScript, React.js, Next.js, CSS, HTML5, Tailwind CSS, Figma, Git, JSON, REST APIs, PostgreSQL

- Led a team of engineers to successfully develop and deploy a web application for donations utilizing JavaScript, Next.js, and Tailwind CSS as the core stack.
- Leveraged Next.js SSR to enhance website performance, cutting load time from 4.11s to 2.13s and boosting SEO.
- Integrated multiple third-party APIs and Web Services, enhancing the functionality and usability of the website.
- Designed and crafted multiple components using JavaScript and React.js, ensuring a smooth user experience and efficient state management.
- Developed and tested RESTful endpoints enabling full CRUD functionality.
- Utilized PostgreSQL database for efficient data storage and retrieval, reducing load times and minimizing expenses associated with API calls.
- Crafted a responsive design with Tailwind CSS, ensuring an optimal UX across diverse devices.

Software Engineer   **Sep 2018 – Feb 2023**
Highlight Agency | New York, NY
Dynamic creative agency, specializing in cultural storytelling for leading brands with a focus on integrated campaigns.

JavaScript, Ruby on Rails, React.js, HTML5, SASS, CSS, Python, jQuery, Git, JSON, REST APIs, PostgreSQL, AWS

- Contributed to the development and maintenance of an e-commerce platform catering to over 5,000 daily visitors as a key member of the engineering team.
- Integrated OpenAI into the chatbot, increasing usage and improving user experience.
- Implemented Redux.js library into Ruby on Rails web app to enhance data management and improve scalability.
- Engineered a library of scalable React.js components, resulting in a 30% decrease in frontend development time.
- Incorporated jQuery library to enhance design and UI, resulting in a modern and intuitive browsing experience.

Computer Science Teacher   **Sep 2016 – Aug 2018**
Public School | Kyiv, Ukraine

JavaScript, Python, CSS, HTML5, MS Office

- Designed and implemented a modern Computer Science curriculum, incorporating industry-relevant Web development practices, such as JavaScript, Python, HTML5 and CSS.
- Utilized modern educational methodologies, including Project-Based and Problem-Based Learning approaches, to improve the learning process.
- Applied educational software and programming platforms, such as Scratch and MS Office, to enrich students' practical application of theoretical concepts.
- Organized competitions and hackathons to promote healthy competition and creativity among students.

EDUCATION

Masters in Computer Science, Major Mathematics   **2015**
National Pedagogical Dragomanov University | Ukraine
Software Engineering Bootcamp
App Academy | United States

NOTEWORTHY DEPLOYMENTS

Blue & Yellow
Website for Donations

[LiveLink]

JavaScript, React.js, Next.js, Tailwind CSS, REST APIs, PostgreSQL, Stripe API, Eventbrite API, Node.js, Git

- Architected and implemented multiple React.js components, with a focus on scalability and efficiency to meet project demands.
- Utilized JavaScript async capabilities to load data dynamically from external APIs and Web Services.
- Boosted donation income by 27% by incorporating the Stripe API for secure donation processing.
- Integrated Eventbrite API to display fundraising events, providing users with up-to-date information and registration options.
- Incorporated Tailwind CSS to implement responsive design, resulting in accelerated development and simplified maintenance.

CultureBot
Employee Engagement App

[LiveLink]

Python, SaaS, REST APIs, Open AI API, BeautifulSoup, Git

- Developed a customized solution by integrating ChatGPT into the platform using Python and Open AI API, enriching user experience.
- Designed a data collection pipeline to continuously gather up-to-date information from various sources for analysis and integration into responses.
- Employed BeautifulSoup to streamline the extraction of data from various news portals, ensuring relevant content.

Steamer
Online Video Game Store

[LiveLink] | [GitHub]

JavaScript, React.js, Ruby on Rails, HTML5, CSS, SASS, AWS, JSON, REST APIs, PostgreSQL, Node.js, Git

- Integrated Ruby on Rails with React.js to create a dynamic and easy to scale e-commerce platform.
- Engineered authentication mechanisms and JSON Web Tokens to ensure secure access to REST APIs.
- Simplified interactions with the PostgreSQL database by using ActiveRecord ORM enabled swift and effective data manipulation.
- Employed AWS for storing product images, leading to reliable accessibility, and reduced retrieval latency.
- Constructed multiple RESTful routes to ensure complete CRUD capability within the application.

Itinerator
Personalized Activity Recommender

[LiveLink] | [GitHub]

JavaScript, React.js, Redux.js, JSON, HTML5, CSS, MongoDB, Express.js, REST APIs, Node.js, Git

- Implemented React Router for client-side routing, which enabled quick navigation and bookmarking within the web application.
- Employed Redux.js to centralize state management, minimizing unnecessary re-renders and improving web application performance.
- Collaborated with backend engineers to optimize data retrieval from MongoDB and additional Web Services within an Agile environment.
- Employed CSS features such as Grid, Transitions, Animations, and Media Queries to enhance the interface and user experience.

KoinY
Cryptocurrency Tracking App

[LiveLink] | [GitHub]

JavaScript, TypeScript, React.js, Next.js, Tailwind CSS, JSON, REST APIs, OOP, Web Services, PostgreSQL, Node.js, Git

- Crafted reusable and modular React.js components, following object-oriented principles, resulting in clean and reusable code with improved scalability.
- Utilized the Coingecko API to enable users to access real-time data on cryptocurrency prices and trading coins.
- Leveraged the TradingView API to provide users with interactive price charts for cryptocurrency trading.
- Deployed web application to Vercel, enabling efficient CI/CD pipelines for future scaling and SaaS model implementation.