Jacob Van Cleave

Full Stack Software Developer

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RELEVANT EXPERIENCE

Full Stack Engineer
Goldgof Lab (hemepath.ai) | 07/2020 - Present

A medical startup developing software and AI tools for applications in digital hematopathology with an aim to use AI and computational tools to improve outcomes for patients with leukemias.

- Optimized and updated exiting code base in Python, Django, JavaScript, JQuery, and AJAX
- Deployed and maintain AWS cloud infrastructure and server
- Implemented user authentication and collaboration features
- Continuously optimize UI/UX and resolve server issues to ensure seamless operation

Full Stack Web Developer
YaYa | 10/2021 - 01/2022

A lifestyle and wellness startup by womxn for womxn aimed at creating a safe space for female identifying persons to connect, with a focus on community building and inclusivity.

- Built a social media prototype in Python, Django and JavaScript
- Developed a fully functioning program based on existing Figma designs and assets
- Implemented user authentication, security measures, and user profiles
- Created a forum with features such as likes, comments, and replies

OTHER PROJECTS

Full Stack Engineer
Personal Portfolio (jacobvancleave.com) | 01/2022 - Present

A web application designed and built to showcase my development projects with an aim of highlighting skills I have acquired and my growth as an engineer.

- Designed, developed and maintain a full stack Django web application with JavaScript hosted on AWS
- Designed a robust backend to accommodate projects of varying sizes and content
- Created a dynamic system for adding and editing projects and experience directly in the app
- Utilize Bootstrap and custom CSS to ensure mobile responsiveness

Full Stack Engineer
Language Learning App (1k-words.pro) | 07/2023 - Present

A passion project to help myself practice and learn foreign languages by focusing on mastering the 1000 most common words of the language.

- Developed custom API with Django Rest Framework
- Designed and built React front end with Redux state management
- Secured app with user authentication and authorization using JSON Web Tokens
- Utilized React Bootstrap and custom CSS to ensure mobile responsiveness
- Deployed and maintain cloud infrastructure on AWS

EDUCATION

San Diego State University: B.A.
International Security & Conflict Resolution (ISCOR)

TECHNICAL SKILLS

Frameworks:	Django, Ruby on Rails
Front End:	HTML, CSS, SCSS, JavaScript, Bootstrap, AJAX, JQuery, React, Redux
Back End:	Python, Java, Ruby, Apache, MongoDB, SQL, PostgreSQL, Express, Node, DRF
Other Tools:	VS Code, Git, GitHub, Heroku, AWS, PostMan, Jest, Adobe CC

SUPPLIMENTAL TRAINING

2023   Udemy Certificate – React Front to Back
- Developed multiple React apps using React, Express, MongoDB, Postman, and Redux

2023   Udemy Certificate – Django with React
- Created complete e-commerce site with user management, profiles, orders, payments, and admin pages using React with a Django Rest Framework API

2020   Django Documentation & Codemy – Create a Blog with Python and Django
- Built blog site using Django, HTML, CSS, JavaScript, Bootstrap, and deployed on Heroku

2020	Learn Enough to Be Dangerous Certificate – Web Dev Certificate in HTML, CSS, JavaScript, Ruby, Rails

2020   Learn Enough to Be Dangerous Certificate – Web Dev Certificate in HTML, CSS, JavaScript, Ruby, Rails
• Developed blog site with Ruby on Rails and deployed to Heroku

2020   Udemy Certificate – Master Web Design in Photoshop
• Utilized Adobe Photoshop and Illustrator to create website wireframes and mockups, focusing on layout, user experience, and visual design principles

2019   Stanford University – CS106A Programming Methodologies
• Developed various computer programs using Java and Eclipse IDE, demonstrating problem solving and programming skills