

Jacky Yang

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SUMMARY

Full-stack software engineer specializing in the MERN stack, dedicated to developing user-focused, high-performance applications with clean, maintainable code and a passion for creating seamless digital experiences that enhance usability and drive business success. Adept at identifying and resolving complex issues, ensuring software meets the highest quality and performance standards. Enjoys learning new things and staying ahead of emerging web technologies. Holds a Bachelor of Computer Science and was awarded Valedictorian with completion of the Software Engineering program at Per Scholas.

SKILLS

HTML • CSS • JavaScript • MongoDB • Express • React • Node.js • Python • Java • GitHub • PostgreSQL • Docker • Adobe Photoshop • Adobe Illustrator • Adobe Express • Adobe InDesign • Procreate

CURRENT PROJECTS

***Pet Health Tracker**, Full Stack Developer*

<https://github.com/Rainbowfish-Tech-Collab/Pet-Health-Tracker>

- Assisted and educated developers on SQL queries and navigating our backend architecture utilizing PostgreSQL.
- Developed Node.js server and database setup, including API routes and logic. Followed RESTful API practices to ensure code is performant, clean, maintainable, and scalable.
- Designed early wireframes and prototypes to hand off deliverables to our design team.
- Followed SDLC workflow and Agile methodologies to manage and ensure quality in each software development stage, and provide flexibility for our sprint goals.
- Employed Git for version control and kanban-based project management tools like Github Projects to assign and assess project communication and collaboration. This included performance testing, bug reporting, test execution by peer reviewing pull requests, and merging.
- Containerized environment with Docker, used to run a virtual Postgres server with efficient management and clean code breakdown/setup.

WORK EXPERIENCE

Mountain Castle Marketing

Onsite Technician / Logistics

Jan 2022 - May 2024

- Created customized graphic designs using Adobe Photoshop and Illustrator, ensuring alignment with client specifications and fostering client relationships through effective communication.
- Managed Electronic Data Interchange (EDI) and Global Data Synchronization Network (GDSN) operations, overseeing shipping, inventory management, and customer service within the supply chain.
- Executed Search Engine Optimization (SEO) strategies for eCommerce platforms like Amazon and Walmart, enhancing product visibility and aligning attributes with industry standards.
- Facilitated interdepartmental communication and adapted strategies based on client feedback to meet brand objectives effectively.

ESign Genie

IT Support Technician

Jun 2021 - Sep 2021

- Delivered multi-channel software support, effectively addressing client inquiries and maintaining a high standard of customer service through prompt and professional responses.
- Enhanced software functionality by developing internal integrations and optimizing system performance through API calls and endpoint management.

- Produced comprehensive documentation, including research reports on market competitors and industry insights, to support strategic decision-making.

USPS

Postal Service Clerk

Oct 2020 - Jan 2021

- Processed incoming and outgoing shipments with meticulous attention to detail, ensuring compliance with established shipping protocols.
- Delivered high-quality customer service by efficiently managing package retrievals and addressing customer inquiries at the service window.

VOLUNTEER EXPERIENCE

Field Service Technician, VSAP (Voting Solutions for All People)

- Facilitated and guided voters in effectively utilizing Electronic Voting Machines (EVMs) for electronic voting, while maintaining a high standard of customer service.
- Assumed responsibility for overseeing and addressing all technical issues related to internet connectivity, laptops, tablets, and charging stations to ensure a seamless voting experience.
- Successfully remediated issues with malfunctioning EVM machines, resolving 98% of reported paper jams and software errors within minutes, ensuring minimal downtime.

EDUCATION

Software Engineering, Per Scholas

Nov 2024

- Awarded Valedictorian
- Strengthened my fundamentals in software engineering, including Git, HTML5, CSS3, and JavaScript.
- Utilize React to simplify the development process and create reusable dynamic and accessible interfaces and/or applications
- Utilize MongoDB for database interactions and integrations
- Integrate Bootstrap and Tailwind CSS frameworks for efficient scalable workflows and design capabilities.
- Utilize Node.js and Express for project management and server-side applications.

Bachelor of Computer Science, Cal Poly Pomona

Jun 2020

- Notable Coursework: Data Structures and Algorithms, OOP, Software Engineering, Computer Architecture, Database Systems, Data Analytics and Cloud Computing with pandas and NumPy