Olivia Wilcox

Software Engineer creating scalable, effective and meaningful technologies.
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PROFESSIONAL SUMMARY

Results-driven Full Stack Software Engineer with a proven track record in designing and implementing scalable, user-centric applications by leveraging keen software insights. Expertise in Javascript and Python technologies. Combining passion for new technology and an internal drive to learn to solve nuanced real-world problems.

WORK EXPERIENCE

Lead Full Stack Engineer, Nextiles (pioneering wearables and smart fabrics)   **2022 – Present**

Technical Experience
- Architected, developed, and deployed a production-ready full stack application within three months using React, Material-UI, Express, and various charting libraries (Chart.js, D3, React Apex Charts), resulting in a 40% increase in user engagement through dynamic interactive front end data visualizations and enhanced data analysis capabilities.
- Built and integrated an internal administrative dashboard application, enabling streamlined access to DynamoDB and S3 via AWS SDK. Replaced any manual database work and allowed executives to perform CRUD operations on all database entries via the internal tool, improving client data management efficiency by 72%.
- Authored comprehensive Jest test suites and established automated CI/CD pipelines, increasing code quality and deployment efficiency by reducing manual errors and deployment times by 10%.

Leadership Experience
- Spearheaded front-end development and guided the UI team while collaborating with the CEO to ensure an intuitive, responsive, and user-centric web app.
- Coordinated cross-functional teams to align mobile and web interfaces with backend developers, fostering a unified and efficient development process.
- Trained and supervised a new hire, providing comprehensive onboarding and ongoing mentorship, which enabled the new team member to become a productive contributor to the client facing web application within weeks.

Full Stack Developer, Freelance   **2022 – Present**
- Developed a full CRUD application and REST API for an international jewelry company with the ability to manage 100+ tasks and create itemized printable memos, using React, CSS, JavaScript, Express, Node.js, and MongoDB.
- Engineered backend database and RESTful API for Humane Housing managing tenant and landlord user authentication. Built with MongoDB, Express and Node.js.

Software Engineer Fellow, General Assembly   **2022**
- 500+ hour, 12 week training program focused on React, JavaScript, CSS, HTML, Data Structures and Algorithms, MongoDB, Node.js, Object-Oriented Programming, and SASS.
- Developed 3 Full Stack CRUD Applications with RESTful API's.
- Managed 3 teammates' code as Git Manager utilizing version control systems and workflows.

TECHNICAL SKILLS

JavaScript | HTML | CSS | Python | React | Material-UI | Chart.js | Electron | Three.js | D3 | SASS | Node.js | MongoDB | AWS | S3 | Express | Heroku | Postman | GitHub | Redux | SQL | PostgreSQL | Figma | Jira | Django | DynamoDB

PROJECTS

Sole Developer, Vegan New York City Yelp (github.com/oliviawilcox1/Vegan-Yelp)   **2022**
- Developed a robust API managing datasets for 50+ NYC restaurants with full CRUD functionality to write reviews, dynamically sort restaurants by rating, and incorporate user profiles with a bookmarking feature for future visits.

Full Stack Developer/Group Git Manager, Beauty World (github.com/oliviawilcox1/Beauty-World)   **2022**
- Designed and built a web app storing 100+ beauty product recommendations for user purchase, using React, MongoDB, Express, Node.js, SASS, Axios, and Bcrypt.

AWARDS AND ACCOLADES

- NYC Girls In Tech Hackathon - 1st Place   **2022**

EDUCATION

Certificate, Software Engineering, General Assembly   **2022**

Bachelor of Arts, Sociology, University of California, Los Angeles (GPA 3.5/4.0)   **2020**