Selin Williams
Software Engineer

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Skills

JavaScript (ES6+), Python, React, Redux, Next.js, HTML5, CSS3, Material-UI, Responsive Design, Vite, Flask, Node.js, Express.js, RESTful APIs, PostgreSQL, SQL, Sequelize ORM, SQLAlchemy, Git, GitHub, Docker, CI/CD, Agile Methodology, Test-Driven Development, Postman

Experience

Software Engineer, Modal Yapi Construction | January 2022 - June 2024

- Developed and maintained web applications to support project management using JavaScript and SQL.
- Automated data entry, reducing manual workload by 30%.
- Optimized PostgreSQL queries for efficiency.
- Implemented backend features using Node.js and Express.js, enhancing project tracking workflows.

Software Development Apprentice, Modal Yapi Construction | January 2021 - January 2022

- Developed small-scale applications and assisted in debugging using JavaScript and SQL.
- Integrated APIs & managed databases, assisting senior engineers.
- Hands-on experience with Git, SQL, and software development best practices.

Projects

TaskFlow   live site | github
HTML5, JavaScript, CSS3, React, Redux, Python, Flask, PostgreSQL, Docker
Agile project management application focused on team collaboration, utilizing Scrum and Kanban methodologies for efficient workflow and iterative development.

- Architected scalable backend using Python/Flask microservices, handling 500+ daily active users with 99.9% uptime
- Implemented real-time collaboration with React/Redux, enabling simultaneous board updates across team members
- Optimized database schema with SQLAlchemy, reducing query load and improving response times.

FoodBridge   live site | github
Python, Flask, JavaScript, React / Redux, PostgreSQL, CSS3, Docker
Social impact platform connecting food donors with recipients, featuring real-time inventory management

- Designed role-based authentication system using JWT and Flask-Login, supporting users across multiple roles
- Implemented real-time notifications using React/Redux for time-sensitive food availability updates
- Built analytics dashboard using Chart.js to visualize donation metrics and impact statistics
- Improved query performance by 30% through database indexing and efficient JOIN operations

Education

App Academy | 2025
Immersive software development course with focus on full stack web development

Ataturk University | 2018
Bachelor of Arts in Education, English Language and Literature