OMED HOSSAINI

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PROJECTS

Tori Stecum Traduction et Révision Javascript, HTML, CSS, Express, Node.js   GitHub

- Architected a React application with Context API for seamless bilingual state management.
- Built secure Node.js/Express backend with email integration and proper error handling.
- Implemented responsive UI with custom CSS animations and component-based architecture.
- Configured CI/CD pipeline with Vercel/Render deployment and environment variable management.

Farmer Flow - PolyHacks 2025 TypeScript, JavaScript, Expo, Firebase, React Native, Express, Node.js   GitHub

- Built React Native/TypeScript mobile app with Expo featuring weather forecasting, plant disease identification via camera, and inventory management.
- Integrated Firebase for authentication and real-time database with custom contexts managing auth flow across mobile/web platforms.
- Developed interactive data visualization components with Chart.js displaying historical trends with dynamic filtering.
- Built AI-powered chatbot advisor using OpenAI API for contextual farming guidance and recommendations.

The Crib Dart, JavaScript, Flutter, AWS

- Architected a Flutter mobile app with Provider state management and real-time data synchronization.
- Implemented AWS Amplify integration for authentication, API, and storage with offline-first capabilities.
- Designed modular services using singleton patterns for clean separation of data, network, and business logic.
- Built advanced UI with custom animations, interactive data visualizations, and responsive design.

SKILLS

Languages	Javascript, Python, HTML, CSS, PostgreSQL, Dart, Typescript
Frameworks	React, Redux, Node.js, Express,
Tools	Git, Docker, Kubernetes, AWS, Firebase, MongoDB
Soft Skills	Time Management, Teamwork, Communication, Problem Solving, Adaptability, Accountability

EXTRA-CURRICULAR ACTIVITIES

- Participated in 3 hackathons, including PolyHacks 2025 where our team won first place in the "Above Ground" category.   Website
- Completed the AWS Cloud Practitioner certificate   Certificate

EDUCATION

Full Stack Web Development, Concordia University   December 2023

WORK HISTORY

Full-Stack Web Developer Tori Stecum Traduction et Révision   December 2024 - May 2025