

Kenny F. Hector

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Education

St. Thomas Aquinas College | Sparkill, NY

Bachelor of Science in Computer Science

Experience

Splash Zone Aquatics Website – Remote

Oct 24 - May 25

Full-Stack Developer - Contract | React, Material UI, AWS S3, Lambda, DynamoDB

- Designed and deployed a responsive, customer-centric website using React and Material UI, featuring dynamic sections such as FAQ, About Us, and Instructor Profiles.
- Integrated AWS services (Lambda, DynamoDB) to manage newsletter subscriptions and automate email notifications via the Resend API.
- Implemented a streamlined sign-up flow that resulted in 13 new client pre-registrations ahead of summer, boosting early engagement.
- Prioritized user privacy and experience by enabling secure, one-click unsubscribe functionality.

Rainbow Ace Hardware | Suffern, NY

May 21 – Sep 24

Assistant Manager / Technical Analyst

- Led and supervised a team of 25+ employees to ensure smooth daily operations, improving efficiency and customer satisfaction.
- Developed and implemented a custom delivery tracking system to reduce order errors and streamline in-store logistics.
- Enhanced the POS system by integrating an image and code-saving module, eliminating the need for repeated outdoor inventory checks and improving checkout speed by over 47%.
- Provided in-house tech support; installed, upgraded, and migrated register systems to improve reliability and overall store performance.

Projects

Theft Tracker Application | React, Material UI, AWS S3, Lambda, DynamoDB

- Built a theft reporting platform with dynamic forms, conditional fields, and file uploads via pre-signed S3 URLs.
- Integrated AWS Lambda/DynamoDB for secure report storage and retrieval with real-time updates.
- Created modular components (e.g., TheftReportForm, Report) with clean UI and mobile responsiveness.
- Resulted in 33% faster police reporting and improved suspect recognition using archived reports.

Delivery Management Application | React, Node.js, Express, DynamoDB

- Developed full-stack delivery platform for real-time tracking, updates, and driver management.
- Built a secure login with JWT auth and integrated CRUD APIs for deliveries and users.
- Cut delivery errors and missed notifications to near-zero by automating customer alerts.
- Designed a fast, intuitive UI to streamline operations (reduced delivery creation time by ~38%).

Technical Skills

Languages: Java, JavaScript (ES6+), HTML, CSS, SQL, XML

Databases: Relational (MySQL, SQLite), NoSQL (DynamoDB, MongoDB)

Frameworks: Node.js, JavaFX, React, Express

Software/Tools: IntelliJ, Visual Studio Code, MySQL Workbench, Maven, Postman/Hoppscotch

Version Control & CI/CD: Git, GitHub

Certifications: AWS Certified Solutions Architect – Associate (AWS) May 2024 - May 2027