

Alen T James

Somerset County, NJ 07646
alentomjames@gmail.com
551-232-0660

LINKEDIN: www.linkedin.com/in/alentomjames

EDUCATION: New Jersey Institute of Technology

BS: Information Technology (Network Security Specialization)

Graduated: December 2024

IT WORK EXPERIENCE:

Public Service Electric & Gas Co (PSEG) - Newark, NJ | June 2023 – Present

Mobile + Web Software Developer (Technology Professional)

- Co-own frontend (React Native) and backend (AWS) development of the PSEG Mobile Application (iOS & Android), working on customer-facing features, performance, and operational reliability
 - Design and maintain RESTful APIs using AWS API Gateway and Lambda to integrate into the mobile app frontend
 - Deploy multiple production updates through the use of Jenkins (Android) and Testflight / Transporter (iOS)
 - Utilize AWS CloudWatch to create real-time dashboards, monitoring the health of the mobile app and ensuring its optimal performance
 - Create production animations and micro-interactions (including the current loading animation) using Figma, LottieFiles, and SVG to improve UI/UX and reduce customer frustrations
- Lead Developer of the PSEG **myTown** webpage hosted on Azure, providing customers with town and municipality specific outage information
 - Independently architected and implemented the frontend (JS/HTML/CSS) to integrate it with the Azure backend through the use of Function Apps, Storage Accounts, and static hosting
 - Collaborated closely with the MuleSoft team to design and support SFTP-based data pipelines into Azure, testing and troubleshooting permissions, integration issues, and data flows end to end
- Engineered a CI/CD pipeline utilizing Node.js, enabling automated creation and deployment of API Gateway resources and integrations via AWS SDK
- Use API Gateway and CloudWatch Logs Insights to monitor traffic and trace requests, ensuring reliable communication between mobile, web, and backend services
- Automated the identification and categorization of AWS Lambda functions based on keywords, using AWS CloudWatch Logs and JavaScript, which enhanced resource management and tagging accuracy.
 - Developed a function to programmatically add tags to AWS Lambda resources, leveraging AWS SDK and custom scripts, allowing for better organization and management of Lambda functions
- Created and validated CloudWatch alarms to monitor Lambda invocation failures and timeouts, integrating event-driven notifications through EventBridge.

Presentation Systems Inc. -Wyckoff, NJ | January 2023 – June 2023

Technical Support/Field Service Technician

- Provided on-site repair and maintenance services for various technical equipment, including printers, computers, and other technology.
- Performed broad range of technical support services, including hardware and software troubleshooting, networking support, and maintenance and repair of technology systems

CERTIFICATIONS:

- AWS Certified Cloud Practitioner (August 08, 2024 - August 08, 2027)
 - <https://cp.certmetrics.com/amazon/en/public/verify/credential/da9770cdac20426c8ca08bdf4cc08145>
- ITIL® v4 Foundation Certified (May 2025 - May 2028)

SKILLS:

- **Languages/Libraries:** JavaScript, React Native, HTML, CSS, PHP, NodeJS, React, React Native, Bootstrap
- **Software:** Android Studio, Xcode, Jenkins Pipelines, Github, Figma, AWS Suite (AWS SDK, Lambda, Cloudwatch, DynamoDB, etc.), Azure Suite (Storage Account, Function Apps, App Insights, etc.), Veracode, WordPress
- **Other:** Bilingual – English and Malayalam, CI/CD Pipelines, Agile & Scrum Methodology, Responsive Web Design, RESTful APIs, Git, AWS CLI, SFTP

PROJECTS:

PSEG myTown Web Page - County & Municipality Outage Report (2025-2026) PSEG - Newark, NJ

Lead Frontend & Backend Developer

- Led development of mytown.pseg.com, a customer-facing outage reporting website that delivers county and municipality-level outage metrics (customers out/served, percent of customers out, estimated time ranges, circuits affected, job counts, damage indicators) during storm and non-storm conditions
- Architected and independently implemented a serverless Azure backend across both QA and Production environments using Azure Function Apps (HTTP / Queue Triggered functions), Storage Accounts, and Blob storage to process large-scale outage and customer data
- Built and implemented a memory-efficient streaming pipeline to process a ~40M-record customer dataset and join it with near-real-time outage events to produce county & municipal summaries.

Onward & Up - Published iOS Game (2026) Personal Project

Solo Developer

- Designed, illustrated, and shipped a complete iOS puzzle game to the App Store, owning every layer end to end — game design, art direction, UI/UX, and release
- Hand-illustrated all in-game art, screens, and animations as a one-person studio, designed and laid out entirely in Figma
- Built the game on Swift and SpriteKit, leveraging AI-assisted development workflows to accelerate implementation, and managed the full App Store submission and release process
 - Technologies Used: Swift, SpriteKit, Claude Code, Figma, Hand-drawn art

ReadMate - Published Chrome Extension (2024) NJIT (New Jersey Institute of Technology) - Newark, NJ

Project Manager & Lead Developer

- Developed and launched a Chrome extension focused on improving accessibility for users with learning disabilities, featuring text-to-speech and document reading capabilities
- Led a team of 3 developers using Scrum methodology, facilitating weekly sprint meetings and maintaining project timeline
- Created and managed comprehensive project documentation through Trello boards, organizing tasks into sprints and tracking progress using agile metrics
- Successfully published and maintained the extension on Chrome Web Store, managing deployment process and user feedback
 - Technologies Used: JavaScript, HTML, CSS, Google TTS API, Git, Trello, GitHub, jQuery, PDF.js, DOMPurify