Peyt Spencer Dewar   psdewar2@live.com

Lyrist · Founder · https://lyrist.app   February 2023 – present

- Developed toolkit for songwriters to discover beats, write lyrics, and overcome writer's block with AI-powered tools, earning over $10K in premium subscription revenue
- Hired and managed team of content creators for marketing campaigns
- Created web scraper to automate outreach to independent artists
- Guided team of college students to design and launch new app features
- Started label "Lyrist Records" to independently release original hip-hop music

Microsoft · Software Development Engineer   August 2016 – present

Azure Incident Management UI/UX · Optimize on-call experience   Today

- Revamping internal on-call web portal by migrating legacy Angular code to React for better performance, usability, and maintainability
- Leading cross-platform mobile widget development for executives to monitor incidents in real time on their iOS and Android devices, accelerating outage response and improving service reliability
- Pioneering AI-driven testing approach to automatically validate hundreds of components, increasing confidence and speeding up development

Office Scripts Service · Improve security and data architecture   2023 – 2024

- Led efforts to secure automation scripts, preventing workbook data exfiltration risks
- Unified NoSQL data models to streamline onboarding and eliminate inconsistencies across services

Event Triggers · Subscribe to notifications from changes made in Excel   2022 – 2023

- Designed architecture for automatic Excel triggers in Power Automate
- Built subscription microservice incorporating webhooks to handle notifications at scale
- Drove collaboration through weekly sprint planning and cross-organization design reviews

Office Scripts · Automate repetitive workflows in Office Platform   2019 – 2022

- Early contributor to Excel automation features supporting over a million monthly active customers
- Implemented TypeScript client API library for script management
- Built portal for admin policy management and gradual product adoption
- Served as mentor and authored onboarding handbook as a helpful resource guide for interns

Outlook Extensibility · Integrate add-ins to manage email and calendar better   2016 – 2018

- Built JavaScript APIs for third-party integrations in Outlook Mail and Calendar, improving workflows for millions of customers and developers

Languages	TypeScript · JavaScript · C# · Java · Swift · Kotlin
Frameworks / Libraries	React Native · React · Redux · Firebase · Next.js · .NET · Node.js · Supabase · OpenAI · SwiftUI · WidgetKit · NoSQL
Education	Bachelor of Science, Computer Science · University of Florida