

Tursunpulat Orolov

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EXPERIENCE

Jr. Web & Mobile Developer

LB Foster Company

September 2023 – Present

Pittsburgh, PA

- **Developed and Optimized Applications and Reporting Tools**
 - Built the **KPI Tracking System** using Laravel Filament with secure access controls to monitor key performance indicators effectively.
 - Developed the **CXT Customer Portal** using Laravel 11, Laravel Jetstream, and **Azure serverless platform**; integrated APIs to present customer building data.
 - Established a **Prerelease Testing Environment** allowing users to test updated applications before official launch, facilitating smoother deployments.
 - Created and optimized applications like the **Canadian Daily Activity Reports V2** and **OPEX Page for 2024**, enhancing data retrieval, presentation, and export functionalities.
 - Implemented microservices architecture to enhance scalability and performance of web applications.
 - Utilized **Azure Cloud Services** for deploying applications and managing resources efficiently.
- **Enhanced Application Security and Implemented Agile Practices**
 - Integrated **Azure Active Directory** for authentication, replacing less secure local login methods, enhancing overall application security.
 - Added middleware in applications to ensure authorized access, improving data security and compliance.
 - Participated in Agile Scrum teams, contributing to sprint planning, daily stand-ups, and retrospectives.
 - Applied **Test-Driven Development (TDD)** methodologies to ensure code quality and reliability.
- **Improved Inventory and Customer Management Systems**
 - Enhanced the **FS Warehouse Inventory** system to display item quantities and details within tables, streamlining inventory management processes.
 - Added functionalities to the **CXT** page for managing customer phone numbers and messaging preferences, including data validation for accuracy.
 - Implemented environment switching in applications, allowing developers to safely test new features without impacting production.
- **API Development and Database Management**
 - Designed and implemented **RESTful APIs** for data retrieval and manipulation, improving communication between services.
 - Managed databases using **MySQL** and optimized queries for better performance.
- **Automated Reporting and Compliance Processes**
 - Developed scripts and forms, including field service reports and SQCI audit forms, to automate reporting and enhance data output for SAP integration.
 - Modified existing scripts to generate detailed reports and ensure compliance with industry standards.

PROJECTS

Job Board App | *React Native, JSearch API, Expo*

- An interactive React Native application enabling users to access job listings.
- Leveraged the JSearch API for real-time job listings.
- Created a user-friendly interface with seamless navigation and design.
- [GitHub Repository](#)

GeoGuess App | *Swift, SwiftUI, Google Maps API*

- An interactive iOS application designed to test geographical knowledge.
- Developed functionality for users to guess locations by placing markers on a map.
- Implemented a scoring system based on the proximity of guesses to actual locations.
- Received positive feedback for immersive gameplay.
- [GitHub Repository](#)

TECHNICAL SKILLS

Programming Languages: PHP, JavaScript, Swift, Objective-C, TypeScript, Kotlin, SQL, Python, HTML, CSS
Frameworks and Libraries: Laravel, Jetstream, React Native, ReactJS, Next.js, Expo, Flask, Bootstrap, Laravel Filament
Tools and Platforms: Azure, Git, MySQL, Xcode, Android Studio, CocoaPods
Technologies: API Integration, Web Development, Application Security, Database Management, Azure Serverless Platforms
Architectures: MVVM, MVC

EDUCATION

The Pennsylvania State University
Bachelor of Science in Computer Science
GPA: 3.8 (Dean's List)

University Park, PA
Aug. 2020 – Aug 2023