

# Shamyrat Pashshyyev

Passionate Full-stack Developer

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 Ashgabat, Turkmenistan

## SKILLS

**BACKEND DEVELOPMENT** | C#/.NET • ABP Framework • PHP/Laravel •

Python/Django • MySQL • PostgreSQL • RabbitMQ

**FRONTEND DEVELOPMENT** | TypeScript/Angular • HTML/CSS/JS • JQuery • VueJS3

**MISCELLANEOUS** | Linux • Git/GitHub • Docker • Nginx • SSL Certificates

**SPOKEN LANGUAGES** | Turkmen - Native • English - Advanced - C1 • Russian - Fluent

## EXPERIENCE

**Full-stack developer** | C#/.NET, ABP Framework, Angular/TypeScript, MySQL, Docker

**Payhasly Creation Studio** | Oct 2023 - Present, Ashgabat, Turkmenistan | Core system app of "Ashgabat City Telephone Network" telecom provider  
Restructuring & Optimization of Core Fee Calculation Engine

- Re-engineered the Status Handling engine to account for complex state transitions, improving data integrity and system reliability.
- Optimized the core Charge Calculation and Payment engine by incorporating "Surrounding Status" logic, which eliminated legacy calculation inaccuracies and streamlined automated payment handling.
- Reduced algorithmic time complexity from exponential to quasi-linear ( $O(n \log n)$ ) for background job scheduling, drastically minimizing redundant recalculations and ensuring system scalability for high-volume subscriber data.

### Post-Launch Stability & System Support

- Spearheaded full-stack bug resolution during the critical launch phase, coordinating directly with Customer Support and stakeholders to prioritize and resolve high-impact UI and backend issues.
- Reduced customer support ticket volume significantly by implementing permanent fixes for recurring errors, leading to stabilized operations and improved department workflow.

### Secure Authentication & Risk Mitigation

- Engineered granular authorization logic to restrict third-party payment vendor access to sensitive system components, ensuring strict data privacy compliance and system integrity.
- Strengthened system security posture by architecting a customized 2FA module for internal personnel and cashier interfaces, effectively mitigating unauthorized access and security-related incidents.

**Full-stack developer** | PHP/Laravel, Python/Django, HTML/CSS/JS, VueJS3

**Sanly Tilsimat** | Oct 2021 - Oct 2023, Ashgabat, Turkmenistan

### Full-Stack website projects

- Completed multiple projects, coordinating directly with web designers and customers.
- This led to increase in firm's productivity, revenue, and expansion of the client base.

### Enhancement and maintenance of SanlyCRM app

## EDUCATION

**University of Colorado Boulder**

Foundations of Data Structures and Algorithms Specialization, CS | Sep 2025 - Jun 2026

**Microsoft**

Microsoft Full-Stack Developer, Professional Certificate | Jan 2025 - Sep 2025

**FreeCodeCamp**

C# Advanced, Online Tutorial | Sep 2024 - Nov 2024

**FreeCodeCamp**

TypeScript and Angular, Online Tutorial | Jul 2024 - Sep 2024

**FreeCodeCamp**

Algorithms and Data Structures, Online Tutorial | Feb 2024 - Jul 2024

**Turkmen National Institute of World Languages**

English Language and Literature, Specialist Diploma | Sep 2014 - Jun 2019

## CONTACTS

 GitHub

 LinkedIn

 StackOverflow

 Telegram

- Added new features to the app, which was acquired in a ready-to-use state, fixed bugs, and adapted it to local requirements for further monetization.
  - This increased the app's competitiveness and resulted in the first customer for the app.
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**Freelancer on Fiverr | Python, PHP, JavaScript**

**Fiverr.com | Sep 2022 - May 2023, Online**

**Developed and implemented web applications.**

- Collaborated with clients and developers from around the world on various projects involving many technologies, such as WebScrapers, mini-AI projects, and VoIP calls.
  - This further enhanced my experience, knowledge, and confidence in many areas of programming and IT.
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