Assylzhan Zhanseit

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EDUCATION

Al-Farabi Kazakh National University   Almaty
Bachelor of Information Security Systems   *Sep 2018 — May 2022*

- Cumulative GPA: 4.0/4.0 | Dean's List, Harvey S. Mudd Merit Scholarship, National Merit Scholarship
- Relevant Coursework: Data Structures, Program Development, Microprocessors, Abstract Algebra I: Groups and Rings, Linear Algebra, Discrete Mathematics, Multivariable & Single Variable Calculus, Principles and Practice of Comp Sci

WORK EXPERIENCE

Software engineer   Jun 2019 — Dec 2020
"KBTU BIGSoft" LLP   *Almaty*

- Played God with tiny molecules, making them dance to uncover the secrets of the universe
- Convinced high-performance computers to work overtime without unions, reducing simulation time by 50%
- Wowed a room full of nerds with pretty pictures of invisible things and imaginary findings

Technician laboratory assistant   Oct 2019 — May 2020
"Research Institute of Machine Translation", Al-Farabi Kazakh National University   *Almaty*

- Development of programs for machine translation from the Kazakh language
- Python
- numpy
- pandas
- BeautifulSoup
- requests

.NET Developer   Jan 2021 — Jun 2021
"Research Laboratory of Computational Modeling and IT", Satbayev University   *Almaty*

- Development of software for modeling the characteristics of boreholes
- .NET Core 3.1
- WPF
- ASP.NET Core
- Entity Framework

.NET Developer   Jul 2021 — Nov 2021
Al Hilal Bank Kazakhstan   *Almaty*

- .NET5, .NET6
- ASP.NET Core MVC, Blazor
- MS SQL Server, Dapper

Middle .NET Developer   Dec 2021 — Nov 2023
Otbasy Bank JSC   *Almaty*

- .NET6, .NET7
- ASP.NET Core WebApi
- MS SQL Server, EF Core, Dapper
- Vue.js 2, Vue3, Vuetify, PrimeVue

Expert .NET Developer   Dec 2023 — Present
Halyk Bank JSC   *Almaty*

- .NET8
- ASP.NET Core WebApi
- golang

- gin

Projects

Maintainer, Hyperschedule (hyperschedule.io)   Nov 2023 — Present
- Maintain open-source scheduler used by 7000+ users at the Claremont Consortium with TypesScript, React and MongoDB
  ‣ Manage PR reviews, bug fixes, and coordinate with college for releasing scheduling data and over $1500 of yearly funding
- Ensure 99.99% uptime during peak loads of 1M daily requests during course registration through redundant servers

Achievements and certifications

C ++ Development Fundamentals: White Belt, Yandex/Coursera (https://www.coursera.org/account/accomplishments/certificate/S23RMNBQTA8K)

Certificate of Achievement: Honorable Participant of the 2021 Northern Eurasia Finals, ACM ICPC (https://yadi.sk/d/Sia3dYpllWETZg)

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Cybersecurity and the Internet of Things, Coursera (https://www.coursera.org/account/accomplishments/certificate/P4PY24FKB4B8)

Information Security: Context and Introduction, Coursera (https://www.coursera.org/account/accomplishments/certificate/LYKPNZD9F5RH)

Skills and Awards

- **Programming Languages**: C#, Go, JavaScript/TypeScript, SQL
- **Technologies**: ASP.NET Core, EF Core, Vue, Tailwind CSS, Git, GitLab CICD
- **Languages**: Kazakh, russian, english
- **Interests**: Competitive programming, movies