**Ayazhan Yerikkyzy**

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**Education**

**Nazarbayev University**  Astana, Kazakhstan

Bachelor of Science (BSc), Computer Science. 2022

***Group Capstone Project:*** InternBee - Internship Matching Platform

Supervisor: Michael Lewis, Associate professor, School of Engineering and Digital Sciences

Developed a web application designed to connect students with internship opportunities by matching their skills with employer requirements.

Tech Stack: Django, React.js, SCSS.

***Relevant Coursework:*** Human-Computer Interaction, Artificial Intelligence, Deep Learning, Software Engineering (Object Oriented Programming), Database Systems, Research Methods, Writing for Digital Media, Information Security.

**Experience**

**Siemens Energy** | Energy Technology Company Warwick, UK

**Digital Intern**  10/2024 - Present

* Designed and developed user-friendly interfaces for a web-based asset management platform using Figma and Angular, improving user experience.
* Completed training in Partial Heavy Maintenance for a gas turbine and earned a Yellow Belt in Lean Six Sigma, applying process improvement techniques to technical projects.
* Built low-code applications with Microsoft Power Apps and automated workflows with Power Automate helping to reduce time spent on key tasks.
* Prepared materials and coding tasks for Digital Work Experience Day to introduce high school students to Siemens Energy.

**LifeSmart Financial Literacy** | EdTech Startup Remote, UK

**UX/UI Designer Intern**  06/2024 - 09/2024

* Collaborated with the executive team to develop pitch presentation for early-stage startup
* Designed an educational financial quest game for secondary school students, focusing on engaging user experiences and interactive learning. Created wireframes, low-fidelity and high-fidelity prototypes using Figma.  
  Topics included: budgeting, taxes, saving, investing, loan and mortgages, etc.
* Identified and suggested design changes on the company's website and an investment simulation tool to enhance usability and engagement.

**ZIMRAN |** IT Product Startup Almaty, Kazakhstan

**Frontend Developer**  06/2022 - 05/2023

* Successfully migrated coding base from React.js to Next.js, leading to a 30% improvement in app performance and enabling new features.
* Conducted and analysed 20+ A/B tests and provided product coverage with analytics for product managers, enhancing data-driven decision-making based on the number of user interactions.
* Wrote unit tests and integrated error monitoring software, reducing the number of bugs after releases.
* Contributed to development of dynamic web app templates by using remote configurations to adapt different
* versions of landing pages for various audiences to market pages.
* Localised Next.js app to 5 languages by using i18n libraries, resulting in increased audience reach and enhanced user experience.

**PETREL AI** | Software Development Company Almaty, Kazakhstan

**Frontend Developer Intern**  04/2022 - 05/2022

* Developed a chat app using the MERN stack (MongoDB, Express, React, Node) and TypeScript, gaining practical experience in full-stack development
* Researched and selected libraries for integration, enhancing project functionality and performance.
* Participated in meetings on UI/UX development, DevOps, Project Management, and QA testing strategies.

**JSC BANK ‘CENTERCREDIT’**  Almaty, Kazakhstan

**Data Engineering Intern**  06/2021 - 09/2022

* Created SQL scripts for daily extracts and reporting, optimising query performance.
* Worked with ETL-tool Informatica PowerCenter to produce mappings, workflows, and transformations.
* Successfully migrated over 100 tables between databases, ensuring data integrity and consistency.

**Leadership and Activities**

**Harvard Project for Asian & International Relations** Remote, (Almaty, Kazakhstan)

**Associate of Marketing and Communications Department**  08/2018 - 09/2019

* Created print and electronic promotional materials for presentations, emails, and social networks.
* Wrote, translated, and proofread communications in English, Kazakh, and Russian.
* Gathered and analysed user behaviour through Google Analytics, Google Trends (web traffic, rankings, most searched topics).
* Helped to organise and moderated “HPAIRx”, an exclusive international TED-style event, for more than 100 guests and 5 speakers.
* Interviewed prospective participants via Skype, Google Meets

**Skyeng** |Online English SchoolRemote

**English Tutor**  12/2019 - 04/2020

* Conducted individual online English lessons to students across different levels
* Customised learning plans to suit students interests and needs by integrating digital resources and interactive tools, increasing student engagement.
* Managed scheduling, lesson delivery, and provided feedback using Skyeng’s platform and Zoom.

**Volunteering**

**Volunteer at the Astana Economic Forum (AEF): Global Challenges Summit 2018**

Annual Eurasian business event and international platform for discussing the challenges in the global economy.

The forum’s focus was on economic growth, digitalisation and urbanisation, financial revolution, and global security.

**Mentoring in Weekend Schools at NU Red Crescent Society, Children’s Development Foundation 2017**

Mentored secondary school kids in Math and English.

Additional educational tools used: Quizlet, Kahoot, Google Forms.

***NU Red Crescent Society*** is part of the world's largest humanitarian non-governmental organisation aimed at providing a range of services including disaster relief, health and social programmes.

***Children’s Development Foundation*** - is an organisation with the goal to improve the quality of life and education for children from socially vulnerable groups.

**Skills & Interests**

**Technical:** React.js, Next.js, Typescript, JavaScript, HTML, CSS, Tailwind CSS, Figma, Git, SQL, Python, Java, C.

**Languages:** English (working proficiency, IELTS 8.5), Russian (2nd native), Spanish (basic), Kazakh (native), Arabic (basic).