# Konstantin Shambazov Software Engineer

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# Projects

## **Shambazov.com,** *personal portfolio website* □

- Developed a dynamic and responsive personal portfolio website showcasing my projects and skills
- Utilized Tailwind CSS to create a fully responsive web design, ensuring a seamless user experience across desktop, tablet, and mobile devices.
- Incorporated Framer Motion to provide intuitive and eye-catching animations
- Utilized the server-side rendering capabilities of Next.js to ensure faster page loads
- Deployed the website on AWS Amplify, utilizing CI/CD with Git for streamlined updates and consistent maintenance.
- Integrated AWS Lambda with API Gateway and employed Amazon SES for a seamless email form submission process.

Technologies used: Typescript, Next.js, Tailwind CSS, Framer Motion, AWS (Amplify, Lambda, API Gateway, SES)

#### TalkSpace, multi room MERN chat app

- Designed and implemented a real-time chat application with a multi-room feature, allowing users to engage in diverse conversations across multiple chat rooms.
- Incorporated WebSocket technology for instantaneous message delivery with Socket.IO
- Implemented persistent data storage of user and chat data in a NoSQL database
- Managed user authentication and authorization utilizing JSON Web Tokens, ensuring secure user login and data protection.
- Developed a user-friendly and interactive frontend using React.js with ChakraUI for an optimized user experience.

Technologies used: Javascript, Node.js, Express.js, MongoDB, React, Chakra UI, Socket.IO

# Node.js Webcrawler, webcrawling script

- Wrote a web crawler script that takes in a URL and generates a report with all the links to that page on the website sorted by the number of occurrences
- Implemented unit tests with Jest to ensure reliability of the script

Technologies used: Node.js, Unit Testing (Jest)

#### vChat, group video chat web app

- Developed a group video call web application with multiple chat room support.
- Implemented real-time audio and video stream functionality using Agora SDK

Technologies used: Python, Django, Agora SDK

**PlanOut,** *group task management web app* □

- Developed a web application that allows users to easily create and manage events
- Designed RESTful API allowing data to be persistently stored and altered in a relational database
- Utilized Firebase for user authentication

Technologies used: Typescript, Node.js, Express.js, Knex.js, PostgreSQL, Next.js, Firebase, Socket.10, Docker

#### Software

#### **Primary:**

JavaScript, TypeScript, PostgreSQL, Express, React, Node.js, Heroku, Git

#### Familiar:

Experienced: Python, Flask, Django, MongoDB, Next.js, Docker, AWS

# Professional Experience

01/2023 - present Tokyo, Japan

#### **Operations Associate,** Section L

- Managed front desk operations including guest check-in/checkout, room reservations, and guest inquiries.
- Assisted in creating and implementing standard operating procedures to improve efficiency and customer satisfaction.
- Coordinated with various departments such as housekeeping, engineering and marketing to ensure smooth operations.
- Monitored and ensured customer satisfaction by responding to feedback, complaints, and requests.

08/2022 - 02/2023 Remote

### **Software Developer, VIM Digital**

- Participated in design and development of a prototype accounting software for SMEs
- Utilized React.js for a user-friendly frontend.
- Maintained a Node.js backend following best practices
- Modeled and implemented relational database within application structure
- Produced user documentation

10/2016 - 05/2020 Moscow, Russia

General Manager and Co-Founder, Myst Distribution, LLC Co-founder and General Manager of an online drop-shipping wholesale platform with over 150 registered sellers

- Managed a team of 7 people and oversaw diverse roles in sales, accounting, marketing, logistics and finance operations
- On-boarded over 70 local and international new clients
- Maintained a client database and implemented several client outreach programs
- Engaged and retained over 50 new and existing customers through email and telemarketing campaigns

Organized exhibits and represented the company at several trade fairs

05/2016 – 02/2020 Moscow, Russia **Retail Store Supervisor and Co-Founder,** *Feel Good Co. LLC* Co-founder and supervisor of one of Moscow's leading electronic cigarette stores.

- Reviewed store sale numbers, cost of inventory, operational expenses and inventory losses Conducted inventory analysis to determine optimal stock levels
- Oversaw employees and store functions on daily basis
- Entered and priced inventory to assist with efficient restocking

<b>Education</b>	
04/2022 – 06/2022 Tokyo, Japan	Advanced Software Engineering Program, Code Chrysalis • Full-stack software development with agile methodologies
09/2014 – 07/2016 Moscow, Russia	Master of Global Economic Processes, Moscow State University
09/2007 – 2012 Moscow, Russia	Bachelor in International Relations, Institute of Social Sciences



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