

SLAVA KNYAZEV

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ABOUT ME

Slava Knyazev has deep expertise in web technologies, having done design work for top tech companies such as **Amazon** and **Airbnb**. He brings with himself best practices learned the hard way and insights into designing **robust** and **maintainable** software.

WORK EXPERIENCE

SCORE MEDIA AND GAMING / Senior Software Developer / June 2023 — October 2024

Building Penn's retail sports betting platform from greenfield to production using React, GraphQL, and TypeScript.

- Led development of the Over-The-Counter patron betting experience
- Established standards for developing reusable components between projects
- Promoted the use of defensive programming in critical transaction workflows
- Introduced a complete observability model for the product

AMAZON WEB SERVICES / Front-End Engineer II / June 2022 — June 2023

Delivering features improving Kubernetes cluster observability, management, and developer experience as part of the AWS EKS Console team. Main technologies included JavaScript, TypeScript, React, Node.js, and AWS Lambda.

- Led the systematic transition to TypeScript for ~100k lines of code
- Contributed to external open-source libraries to solve internal challenges
- Assessed customer impact from operational faults and investigated root causes

CAPGEMINI ENGINEERING / Senior Software Engineer / January 2021 — June 2022

Developed internal developer tooling for Airbnb using React, GraphQL, and Kotlin.

- Developed UI for a greenfield e-mail marketing software project
- Created utility to decode partial Apache Thrift objects from scratch
- Contributed to tax validation software by introducing support for new countries

BITOVI / React Consultant / October 2020 — December 2020

Shipped full-stack React + Node.js Lambda solution for managed PPP loan forgiveness applications.

CHANNELASSIST / Full-Stack Software Developer / May 2020 — September 2020

Enhanced and automated reporting services using SQL Server and .NET Core.

PUBLIC HEALTH AGENCY OF CANADA / Full-Stack Software Developer / May 2018 — July 2020

Developed accessible and highly interactive data visualizations using D3.js and React.js, and built back-ends using .NET Core and Entity Framework.

PROJECTS

BUILDING BETTER SOFTWARE SLOWER / Technical blog

Sharing my technical insights and deep dives into topics I haven't found elsewhere. It has been read by over 200k readers and is a regular feature in well-regarded newsletters such as *This Week in React*, *JavaScript Weekly*, and *Bytes*.

RESOURCE POOLER / Open-source library

Designed a minimal, lock-free library for managing shared access to resources.

NGINX + PAGESPEED / Open-source project

Automated building Debian-flavoured NGINX from source with PageSpeed module

EDUCATION

CEGEP HERITAGE COLLEGE / Computer Science Undergraduate Diploma / Aug 2017 — May 2020