Edward **Urban**

810.689.3900 · edurbancodes@gmail.com

github.com/epurban

PROFESSIONAL EXPERIENCE

DraftKings

Senior Software Engineer   April 2022 − Present

- Lead frontend development for DraftKings **Pick6**—a high traffic live fantasy game with **300k+ monthly active users** and **over $100M in revenue** —and Marketplace, both built with Remix and TypeScript React. Work spans server-side rendering, React Query, API integration, accessibility, cross-platform support, and rigorous testing.
- Handled a multitude of on-call incidents as the first responder during high traffic times such as the **SuperBowl, NBA Finals, and NFL Week 1** with effective knowledge of observability platforms and incident remediation.
- Key projects led include performance optimization of virtualized grids, minimum guaranteed prizing system, redesigned pack reveal experience, bulk inventory tools, reward selection/eligibility system, custom jackpot contest game modes, conversion of React SPA to SSR with Remix for SEO and performance.

General Electric

Senior Software Engineer Cloud   February 2021 − April 2022

- Designed and developed a full-stack web app with TypeScript React and Go for cloud gatekeepers across the businesses to manage GE's catalog of **800+ AWS and Azure cloud environments**. Implemented Sentry error reporting and Matomo analytics, allowing team to quickly identify and remediate bugs for improved UX

Software Engineer Cyber, MyTech   June 2019 − February 2021

- Cyber: Developed a continuous monitoring bot to protect GE's AWS accounts against data exfiltration attacks with a serverless architecture using CloudWatch, Step Functions, DynamoDB, and Lambda functions written in Python; created terraform templates to deploy this bot across all 100+ GE Corporate cloud accounts
- MyTech: Audited and enhanced 10+ Lumos components, fixing critical bugs and introducing new features for product teams. Revamped components to meet ARIA accessibility standards, ensuring full legal compliance

TOP TECHNICAL SKILLS

- Performant web development with TypeScript, React, and SSR frameworks such as Remix, Next.js
- Cross platform mobile application development with React Native
- Backend RESTful API development with Node.js, Golang, Python
- Serverless app development on AWS with Terraform for infrastructure deployment

EDUCATION

Georgia Institute of Technology   April 2021

Master of Science in Computer Science, Machine Learning Specialization (Online)

University of Michigan-Dearborn   May 2019

Bachelor of Science in Software Engineering