Edward **Urban**

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github.com/epurban

PROFESSIONAL EXPERIENCE

DraftKings

Senior Software Engineer   April 2022 − Present

- Frontend feature development for DraftKings Pick6 and Marketplace, both Remix-based Typescript React apps. Requires knowledge of SSR, React Query, API integration, cross platform compatibility, accessibility and rigorous testing
- Highlights of projects led include refactored virtualized grid for performance, minimum guaranteed prizing system, overhauled pack reveal experience, bulk inventory management system, and a reward selection/eligibility system
- Devised tech plans which clearly outline the feature work behind an epic and the systems to be added or modified in support of it. Explained tech plans to leadership and lead engineers. Created detailed milestones which effectively break up work for individual engineers
- Heavy emphasis on maintaining the highest quality user experience possible as we focus on our customer first. Working closely with product and design to close these gaps and increase user satisfaction scores for our application

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 into this app, allowing the team to quickly identify and remediate bugs as well as providing important metrics for designing an improved future user experience

Software Engineer MyTech, Cyber   June 2019 − February 2021

- 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
- 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

TOP TECHNICAL SKILLS

- React, TypeScript, Node.js, Go, C#, Python
- Frontend web and mobile application development with React, React Native
- Backend RESTful API development with Node.js, Golang, Python
- Serverless app development on AWS using Terraform for infrastructure deployment

EDUCATION

Georgia Institute of Technology   May 2020-April 2021

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

University of Michigan-Dearborn   May 2019

Bachelor of Science in Software Engineering