Nate Buckareff

Hello, I'm Nate Buckareff. I'm a full-stack developer, entrepeneur, and life-long learner.

I specialize in helping people translate business needs into technical solutions while staying focused on the customer. This allows me to bridge between highly technical teams, designers, and project stakeholders. I am looking for roles that allow me to help organizations streamline product development by maximizing developer productivity, designing human and machine automation processes, and fearlessly tackling deep technical problems.

If you want someone who takes pride in their work, has deep, cross-stack technical knowledge, and rock solid communication skills, then let's get in touch.

TypeScript   JavaScript   Git   React   Redux   Next.js   SolidJS   Node.js

GraphQL   Linux   Ubuntu   Debian   Alpine   Docker   Kubernetes

HAProxy   Nginx   SQL   PostgreSQL   Sqlite   GCP   Azure

Continuous Integration   Continuous Delivery   Python   C#   SQL Server

PHP

Senior Full Stack Developer

nateb.xyz

2 years, 8 months   Apr 2021 - Present

Worked as a full stack developer building a micropayments SaaS MVP (Microbits.club - no longer running) and a new video sharing platform (Busker.video). Helped analyze, research, and formulate business strategies for both projects.

My role was not limited to just being a developer: I believe that in order to effecitvely build a product, you must cultivate a deep understanding of the business domain.

Microbits.club:
- Built frontend with Next.js, React, Tailwind CSS, Tailwind UI, and Headless UI
- Built backend with Node.js, tRPC, Prisma, and PostgreSQL
- Full stack TypeScript monorepo
- Deployed to GCP, using Cloud Run for frontend Next.js service and Compute Engine for the backend Node.js service and PostgreSQL
- Local development environment with Docker Compose

Busker.video:
- Built frontend with SolidJS, SolidStart, Tailwind CSS, and Flowbite
- Built backend with Node.js, tRPC, Kysely, and PostgreSQL
- Full stack TypeScript monorepo
- Deployed to GCP Compute Engine using Docker Swarm to schedule services
- Local development environemnt with Docker Compose

Senior Developer

MLD Solutions Inc.

2 years, 3 months   Jan 2019 - Apr 2021

Was lead developer building a hybrid micro site-builder (Mozaik.global).

Worked directly with the product owner on:
- Product direction
- UI design
- Customer experience

Worked closely with the design team on:

- Developing a custom design system
- Implementing a component library using React, Styled-Components, and StoryBook
- Provided mentorship to UI/UX designer co-worker looking to transition into a hybrid design / frontend-development role

Was responsible for:
- Technical project management
- System architecture design
- Conducting developer interviews
- Developer onboarding
- Junior developer mentorship
- Code review
- Building and maintaining local Kubernetes development cluster
- Deploying services to Azure AKS
- Debugging staging and production Kubernetes clusters
- Building and maintaining application frontend and backend

Local Kubernetes dev cluster:
- Deployed to an Ubuntu VM using MicroK8S
- Each developers had their own namespace and local ingress subdomain
- Deployed from local machine to dev cluster using DevSpace and Helm

Maintaining staging and production Kubernetes clusters using:
- K9S and kubectl
- Azure Cloud Shell
- Azure CLI

Built and maintained application frontend service using:
- Next.js
- TypeScript
- React
- GraphQL
- Apollo Client
- Redux and Redux Toolkit
- Styled-Components

Built and maintained application backend API service using:
- Node.js
- Koa
- GraphQL

- Apollo Server
- TypeGraphQL
- Slonik

Worked directly with client to design and develop an internal monitoring system for a military industrial process. Interviewed the client to determine their highly specialized needs, and then designed, developed, and deployed a monitoring dashboard application using React, Node.js, and SQL Server.

Built an ETL system for the continuous analysis of internal worklogs using Python and SQL.

Assisted in maintenance of and triaging of issues for ASP/SQL web applications, including edge4.ca and other applications custom developed for clients in the insurance and heavy machinery industries.

Worked together with domain experts to triage and debug report-generating SQL queries for the insurance industry.

Provided phone support to clients and worked with them to resolve time-sensitive issues.

Junior Developer

MLD Solutions Inc.

1 year, 4 months   Sep 2017 - Jan 2019

Hired into junior role implementing & maintaining greenfield B2C web application built with Node.js, React, and TypeScript.

Worked with lead developer to design and implement an Entity Component System (ECS) database schema in PostgreSQL.

Implementing a custom ECS query language (ECQL) in JavaScript for querying the ECS database schema.

Promoted to the role of senior developer and technical lead in Jan 2019.

Contact

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