

ALEKSEY BRATNICHENKO

Software engineer with experience implementing cloud-native microservices, building user interfaces, and leading in fast paced, decision-critical environments.

EXPERIENCE

- 2019
|
present
- **Software Engineer - Backend**
Opa 📍 Remote
 - Built and/or maintained RESTful API / WebSocket geolocation, media production/delivery, and real-time communication services for mobile front-end (Node.js, MongoDB, Express, Socket.io).
 - Implemented content caching and distribution, edge services to scale live stream and video-on-demand media consumption (Redis).
 - Configured, deployed, and maintained cloud microservice development, staging, and production environments (Kubernetes, DigitalOcean).
 - Introduced and configured (Istio) service mesh to improve services observability and routing.
 - Constructed continuous integration pipeline (CircleCI) with automated end-to-end (BDD) testing suite to reduce fault introduction (CucumberJS).
- 2017
|
2020
- **Finance and Operations, Carpenter**
Matrixx Contractors 📍 Atlanta, GA
 - Designed, built, and maintained company website, as well as designed and produced all company branding materials (HTML5, CSS3, Adobe Illustrator).
 - Introduced and implemented project scheduling and cost estimation system, utilizing waterfall style management and forecasting (Microsoft Project).
 - Provided carpentry services on custom home builds, trusted solely for projects requiring high attention to detail and craftsmanship.
- 2015
|
2016
- **Professional Services Coordinator**
Veson Nautical 📍 Boston, MA
 - Administered and maintained Salesforce platform, and generated business reports.
 - Invoiced software subscription and professional services milestone based revenue, performed in-depth ledger analysis to identify and rectify revenue discrepancies.
- 2012
|
2015
- **Trade Systems Analytics - Manager**
Boston Technologies 📍 Boston, MA
 - Trained and led team of analysts as first point of contact to over 180 internationally operating, broker and institutional foreign exchange market clients.
 - Maintained and monitored price and trade aggregation systems, bridging technologies, back-office reporting systems, and trading production servers, ensuring maximum system uptime.
 - Identified and reconciled trade exposure discrepancies, and performed investigations into trade disputes, rectifying trades and associated database records (MySQL).

PROJECTS

- 2020
- **Fasload**
Opa / Open Source
 - Developed a cross platform, graphical, benchmarking tool for profiling RESTful services under load (Electron, Node, Vue).

EDUCATION

- 2010
|
2012
- **Bachelor of Business Administration - Finance**
University of Massachusetts - Amherst 📍 Amherst, MA
 - GPA: 3.64 / 4
 - Graduate Level and Honors Coursework
- 2008
|
2010
- **Associate in Science of Business Administration**
Holyoke Community College 📍 Holyoke, MA
 - GPA: 3.97 / 4
 - Business Association, Entrepreneurship Club

CONTACT

✉ hi@aleksey.me
in /in/imaleksey

PORTFOLIO

🌐 aleksey.me
🐙 /upsidefrown

SKILLS

Javascript

Node.js
Express
Socket.io

MongoDB
Redis

Linux / Bash
Kubernetes / Docker
CircleCI
AWS S3

HTML5 / CSS3
Vue.js / Vuex
Adobe Illustrator

Electron

BDD / TDD
CucumberJS
Jest