YURI BOCHAROV

mail@yuribocharov.dev | Silver Spring, MD | linkedin.com/in/yuribocharov | github.com/elasticspoon

PROFESSIONAL EXPERIENCE

Alpha Omega   **Remote**
Full-Stack Software Developer   *Jun 2024 - Present*
- On a 2-month deadline collaborated with USCIS stakeholders driving a 100% reduction in same-day scheduling errors and a 8% increase in rescheduling efficiency by implementing event-driven scheduling and notifications.
- Drove adoption of improved best practices around integration testing through evangelization and direct collaboration with teams leading to adoption by over 10 teams, an 80% reduction of minutes spent on reruns and a cumulative 5000 developer hours saved annually.
- Drove a 32% median reduction in continuous integration build times and 12% reduction in build minutes by enhancing Ruby and JavaScript test suite performance, improving Github Actions parallelization, and optimizing Docker image caching.
- Saved 600 annual support hours using Databricks to identify data inconsistencies and PostgreSQL to implement data integrity checks.

Freelance   **Remote**
Full-Stack Software Developer   *Dec 2019 - Present*
- On a 3-month deadline facilitated an upgrade of a legacy Rails application closing 50+ vulnerabilities while performing a 0-downtime migration to Google Cloud Platform with Capistrano and Docker to avoid a shutdown.
- Developed Golang backed gRPC microservice reducing request size by 15% and improve 99th percentile latency by 120ms, enabling live location sharing from 10x more customers.
- Built online storefront using Payload CMS, Stripe and SendGrid, saving $20k in annual maintenance fees and generating $40K in monthly sales.

Learn to Be   **Remote**
Full-Stack Software Developer   *Nov 2022 - Dec 2023*
- Launched OpenAI powered practice tools in Rails for prospective tutors, increasing conversion rate by 15% and reported confidence in over 70% of users.
- Built single sign-on (SSO) and role based access controls (RBAC), driving an 11% increase in new customer acquisitions via partnerships with 3 California school districts.
- Implemented PostgreSQL backed caching and replaced ActionCable driver reducing websocket response time by 70%, response latency by 30%, and Heroku compute costs by 20%.

WowAnalyzer   **Remote**
Full-Stack Software Developer   *Dec 2020 - Jun 2021*
- Optimized advertisements through audience targeting and data pre-fetching techniques, resulting in a 40% reduction in new user abandonment and achieving a conversion rate of 8%.
- Collaborated with users to design and implement a TypeScript domain-specific language driving a 20% increase in user contributions and community led development of over 30 analytics modules.

OPEN SOURCE

Coder   *Oct 2023 - Apr 2024*
Open Source Contributor
- Reduced error rate by automating the generation of golden files across over 40 command-line interfaces in Golang.
- Improved command-line performance via lazy evaluation and documentation via automated generation from definitions.

Ruby for Good   **Remote**
Lead Developer - CASA (Court Appointed Special Advocate) Volunteer Tracking   *Jan 2024 - Present*
- Collaborated with stakeholders to identify and scope prospective issues and features, then lead the CASA project at Ruby for Good 2024 mentoring 15 new developers to create their first open source contributions to CASA.
- Implemented a redesign of the contact logging process in collaboration with design and business stakeholders using Rails and Hotwire, reducing customer time spent logging by 40%.

SKILLS

- **Languages / Frameworks:** Ruby, Ruby on Rails, JavaScript, Go, React, Dart, Flutter, Bash
- **Other:** Docker, Kubernetes, Github Actions, Nix, Git, TailwindCSS, Hotwire

EDUCATION

University of Maryland - College Park   **Feb 2016 - Aug 2021**