A. TYLER WOLFE

atylerwolfe@gmail.com | (628) 236-7842

<u>TECHNOLOGIES</u>

JavaScript/TypeScript | Node.js | Next.js | React | Python | PostgreSQL | MongoDB | GraphQL | Redis

PROFESSIONAL EXPERIENCE

Founding Software Engineer, More Research Needed (SaaS)   May 2023 - Present
- Created a platform with over 42M journal articles to facilitate public engagement in scientific research
- Deployed Next.js 13 app to Vercel/GitHub Actions for CI/CD pipeline, decreasing cycle time by 78%
- Designed a mobile-friendly interface using Tailwind CSS and NextUI, boosting engagement by 21%
- Leveraged 2 automation APIs: SendGrid for the weekly email newsletter and Twilio for OTP sign-in
- Secured user credentials with NextAuth and encrypted 100% of data in MongoDB to ensure privacy
- Achieved a 5:1 ROI by integrating with the OpenAI API and standardized UI design templates

Lead Software Engineer, Verizon - Walnut Creek, CA   Oct. 2021 - Present
- Architected a full-stack automation app, streamlining 500+ daily server builds across 7 data centers
- Developed a Kafka microservice, enabling the infrastructure to save an average of 95% time per build
- Constructed build status dashboard using Python with Flask, lowering incident response time by 40%
- Implemented a 3 replica database system, maintaining fault tolerance and 99.99% uptime for services
- Managed 4 Kubernetes clusters, improving system scalability and deployment frequency by 20%
- Championed test-driven development to minimize bugs, leading to a 46% reduction in outages

Founding Software Engineer - CandE Bike Share   Dec. 2019 - Sept. 2021
- Launched a suburban eBike sharing platform based on Python data analysis from 24 user interviews
- Led development of Next.js app, achieving a 100 PWA Google Lighthouse score for 60% faster load
- Enhanced $25,000 of smart locks from international vendors with Rust-based microcontrollers
- Enabled real-time service accessibility by transmitting GPS and battery data from 19 IoT devices
- Utilized Mapbox for location data visualization, increasing the speed of navigating to bikes by 50%
- Connected to Stripe for trusted payment processing, resulting in a 30% reduced checkout time

Software Engineer - Golfing for Dollars (SaaS)   Sept. 2018 - Nov. 2019
- Wrote serverless Python code to randomize tee time pairings, enhancing operational efficiency by 90%
- Used Postman to test 83 API endpoints, 27 JSON payloads, and share REST HTTP calls with the team
- Helped legacy Angular codebase move to test driven development by introducing 47 Jest unit tests
- Lowered manual clicks by 90% by using Selenium in Docker containers for a consistent environment
- Pair programmed on biweekly meetings to creatively and collaboratively work through problems
- Applied Agile methodology to raise resolution of tracked Gitlab issues per sprint by 25%

EDUCATION

The Johns Hopkins University   B.A. Psychology
Dean's List Student   Varsity Track/Cross Country All-Academic Selection