

Enthusiastic and communicative engineer, mentor, and leader with over a decade of experience solving business problems with software. Purpose-driven and passionate about technology and using it to improve lives and outcomes.

Curious by nature, cross-functional by habit, growth-oriented by choice.

Selected Experience

Jul 2020 ↳ Nov 2022	Lead Software Engineer The Pro's Closet <i>Louisville CO</i> Architected, built, and maintained ecommerce systems for internal and customer-facing use, working closely with Product, Design, and business stakeholders to solve problems with software. Served as Front-End Architect and Node.js SME while managing direct reports and mentoring engineers of all skill levels across the stack. Contributed to department-level engineering standards, SDLC process, interviewing guidelines, and platform improvements.
Mar 2020 ↳ Jul 2020	Senior Software Engineer Blueprint <i>Denver CO</i> Established robust unit and integration testing systems for legacy and greenfield systems, aided in refactoring legacy systems into modern distributed scalable services. Mentored junior developers and participated in SRE and site architecture discussions.
Jan 2019 ↳ present	Solo Multimedia Developer grahammakes <i>Denver CO</i> Architected and executed multimedia projects including web design + development + SEO for local businesses, audio engineering and music production for commercial release, and creation of freeware and open source utilities.
Aug 2015 ↳ Aug 2018	Front End Engineer 1stdibs <i>New York City NY</i> Maintained + improved a large enterprise ecommerce system. Worked closely with designers to implement an adaptive UI redesign of the custom messaging platform in React; refactored and modernized large parts of the legacy app; built a new multi-param search and filtering app around Apache Solr.
Aug 2013 ↳ Jun 2015	Game Developer Little Bird Games <i>Philadelphia PA</i> Developed web-native educational games using HTML5 Canvas + Audio APIs, including a PTSD detection training tool used by the American Nursing Association and ADHD therapy games for use in clinical trials at Duke.
Jun 2011 ↳ Jun 2015	IT Manager Penn Residential Computing <i>Philadelphia PA</i> Managed a team of ten Jr. + Sr. IT support staff, including scheduling and operations responsibilities. Provided hardware and software support, diagnosis, and repair on escalated cases.

Education

Jul 2020 ↳ Nov 2022	STSC, BA University of Pennsylvania <i>Philadelphia PA</i> Graduated summa cum laude with a degree in <i>Science, Technology, and Society</i> and a specialty in Information Technology and Organizations; researched the social and economic patterns and impacts of large-scale technical systems.
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Personal Info

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GitHub
github.com/batzlerg

Skills

- Software Architecture
- Web Performance and SRE
- Team Leadership
- Project Management
- Agile Software Development
- Constraint-Based Problem Solving
- Written and Verbal Communication

Software

- ESNext + TypeScript + React + Node
- Python + Flask + PyTorch
- PHP + CodeIgniter
- AWS, Terraform, Github Actions
- Next, Hydrogen, Gatsby, CMS strategy
- Webpack, Babel, Vite, Rollup
- SQL, Bash, Cron, REST, GraphQL
- Jest, Playwright, Cypress, Karma, Mocha

Interests

- Hiking + Camping
- Botany + Ecology
- Urbanism + Land Use + City Planning
- AI Art Generation + Machine Learning
- Music Production + Performance