

Mike Bronner

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Experience

Lead Engineer/Scrum Master

2020-Present

Totality LMS

Buffalo, New York (Remote)

- † Guided software architecture, implemented DRY and SOLID principles, patterns, reducing technical debt by ~50%.
- † Instituted coding standards and custom code linters, reducing review time and feedback amount by 90%.
- † Performed code reviews and trained developers, improving code quality and lowering maintenance costs, further reducing technical debt to ~90%.
- † Established rigorous automated testing, increased test coverage from 0 to almost 90%, reducing unwanted side-effects from a daily to a rare occurrence.
- † Set up CI/CD processes through Github Actions, Laravel Forge, and Envoyer, decreasing human error, streamlining deployments, and boosting deployment frequency from bi-weekly to on-demand.
- † Implemented Scrum (Nexus of 5 teams) to improve teams effectiveness and agility to respond to changing requirements, also increasing transparency into the project.
- † Defined and instituted code versioning practices for a multi-team environment using Github Pull Requests and Git Hubflow, decreasing merge issues and improving code reviews, saving time and money across a group of ~20 contributors.
- † Applied automated bug reporting, providing visibility and insight to bugs, reducing response time from potentially weeks to hours.
- † Created internal documentation for processes, knowledge base, and applied technologies to act as reference and meeting minutes repository.
- † Established custom team development environment using VSCode and Codespaces to reduce onboarding time by 95% and save costs by over 50%.

Managing Partner

2014-2020

GeneaLabs

West Covina, California

- † Migrated legacy PHP applications to robust Laravel applications, decreased maintenance costs and improved maintainability.
- † Consulted with clients for bespoke web applications according to requirements, including APIs, reporting, and admin panels.
- † Created robust public-facing APIs secured by OAuth and JWT using Laravel, Lumen, and Passport.
- † Managed servers for hosting of web sites, databases, client files, backups, and zero-down-time deployments.
- † Developed and maintained open-source Laravel packages.

Owner

2010-2014

Rocking-MM

Sheridan, Montana

- † WordPress: custom development of sites, themes, and plugins for clients.
- † Computers: built and repaired computer systems, built and maintained networks.
- † Government: contracted with government entities to provide computer services and maintenance in the local area.

Education

DeVry University of Phoenix

Phoenix, Arizona

Bachelor of Science in Computer Information Systems

Skills

- ✦ Web: Laravel (10 years), TailwindCSS (6 years), AlpineJS (4 years), Livewire (4 years).
- ✦ Databases: PostgreSQL (10 years), SQLite (10 years), MySQL (15 years).
- ✦ Interfaces: Front-End Design, Development, UX (28 years), Back-End (28 years), API (10 years), AJAX (21 years).
- ✦ DevOps: Linux (25 years), Nginx (17 years), PHP (25 years), SSH (20 years), Git (10 years), AWS/Terraform (1 year).

Languages

- ✦ Fluent in reading, writing, speaking, and translating in English and German.

Training & Certificates

- ✦ Professional Agile Leadership (2023).
- ✦ Professional Scrum Master 1 (2022).
- ✦ Certified Laravel Developer (2018).

Associations & Volunteer Work

- ✦ Trilogy Power Ranch Pickleball Club: Board of Directors, Member at Large (2022 - 2024).
- ✦ Utah Genealogical Society: Board of Directors, Technology Chair, Webmaster (2016 - 2020).
- ✦ Association of Professional Genealogists: Website Committee (2016 - 2020).
- ✦ Association of Professional Genealogists, Virtual Chapter: Chapter Liaison (2015 - 2016).
- ✦ ProGen Study Groups: consulted on website design and maintenance (2014).
- ✦ Ruby Valley Chamber of Commerce: President Elect, President (2011 - 2014).
- ✦ Sheridan Adult Education: developed and taught "Intro to Computers" course (2012).