

Preston Stewart, Developer

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SUMMARY

Preston builds the technological foundations required to support high impact user experiences and compelling client stories on web-based platforms.

SELECTED WORK EXPERIENCE

RettyRent

Contract Developer

Responsibilities: consultation, application architecture, full-stack system build

- Identified client requirements and developed comprehensive build specification, managed scope creep
- Evaluated, recommended, and chose frameworks to fulfill client requirements
- Made key design decisions for data layer and application processing that effectively leveraged chosen framework(s)
- Built pixel-accurate front-end UI and presentation logic, back-end app and data-access logic; 14,000 lines based on 56 page concepts.
- Integrated app platform with third party APIs: RentLinx, Stripe.

Technologies Used: Concrete5 App Platform, Git, Sass, JQuery, Javascript, PHP

Enlighten Agency

Software Engineer

Responsibilities: back-end system build, using direction from UX and Graphic Design

- Built content structures, page layout, and integration of front end code for www.thehenryford.org
- Rebuilt the appointment scheduling function to integrate with a new scheduling system API for www.udr.com
- Built front-end input validation library and associated display code for www.aaalife.com replacement site

Technologies Used: ASP.NET/MVC/C#, Git, Javascript, JQuery, Sitefinity CMS, Ektron CMS

Ann Arbor Area Transit Authority

Technical Architect & Web Application Developer

Responsibilities: direction and management of web systems & projects, technical architecture, web development

- Successfully terminated the defunct website project with external vendor that had caused the organization to run over budget by 33% and miss deadlines by over a year, and was the core reason for my hire
- Proactively championed the value of a transit data API. I implemented one as a foundation for the

main website and highlighted its additional business value as a vehicle to provide the public with transit apps via third party devs

- Developed, executed and managed a plan to replace the broken website with one that met the original vision of the organization, including replacing real-time functionality, CMS foundation, and visual style

Technologies Used: JS, AJAX, Angular, WebAPI, ASP.NET/C#, Git, T-SQL, NodeJS, GTFS, DNN CMS

Contract Programmer

Web Dev, PM, et. al.

- **Well Design Studio** - Consulted and instructed Agile/Scrum project management, instructed on Git implementation and methodologies, consulted on UXD-development teamwork, performed Javascript development for Friends of GR Parks, Indie Reader, Sears Architects
- **Exclusively Rae** - Recommended, installed, and configured Shopify solution, and created draft-architecture for integration with supply chain
- **Big Data Ignite** - Built the program and individual planner pages, including JS filtering by event type and matching designer comps.
- **CQL** - Developed new quantitative process for scoping projects and created comprehensive technical specifications, using those to drive the quoting process.
- **Additional projects** - Applause Catering, Fzique Body Architects, Saugatuck Douglas Realty, A1 heating & AC, Hackney Grover

Technologies Used: LAMP, Concrete5, AgileToolkit, CodeIgnitor, RETS, Google Analytics, Wordpress

COMMUNITY INVOLVEMENT & PRO BONO

- Consultation and website build for Irene Mbowe, motivational speaker
- Preliminary consultation & discovery for Tmaz Tacqueria
- Pro Bono consultations: Cook Arts Center; Keystone Church; and R.E.A.D. Adult Literacy
- Director of Technical Strategy, Catalyst Initiative
- Director of Finance, Underground Dance Community

ADDITIONAL SKILLS & INTERESTS

- Extensive background in English Literature, Creative Writing, and Technical Writing
- Enjoy 1990s video games as well as modern first-person shooters
- Participate in Swing & Blues social dance
- Work with studio music production and live sound engineering as a hobbyist
- Speak Spanish conversationally