

## Professional Summary

- 20+ years full-stack engineering experience specializing in data architecture, typescript, VR, & applied AI
- Proven track record in designing and implementing critical systems for high-traffic applications for the world's most recognizable brands
- Advanced AI-assisted dev skills, strong GenAI strategy skills, solid theoretical AI grounding
- Engineering team leadership experience
- Strong focus on project methodology, automation, and comprehensive documentation I am ready and eager to lead a small dev team or contribute as a senior level engineer!
- My Ideal environment is an innovative company working on cutting-edge web, VR, or AI projects.

## Key Achievements

- Built the full stack subscription tier system at [framevr.io](http://framevr.io) browser-based metaverse meetings, resulting in tens of thousands in MRR. Designed and implemented pricing tiers, user experience, and Stripe API integration running on GCP functions.
- Built an IVR phone screener system in clinical trials industry used around the world by the world's largest pharmaceutical companies to screen and match thousands of patients a day to participating clinics for patients around the world with fully globalized language features.
- Developed form-building and e-signing app used to close real estate deals. Used by clients like Navy Federal Credit Union. Custom API integration with CRM platform. Handles tens of millions of dollars in daily transactions.
- Produced and self-released 5-star rated VR app experience [Bermeo Heights Express](#) on multiple platforms. Highly optimized to achieve long-running 60fps performance on low-end mobile VR hardware.

## Skills

<ul style="list-style-type: none"><li>• 20+ years JavaScript</li><li>• TypeScript (expert)</li><li>• Vue &amp; Vuetify (expert)</li><li>• GCP and Firebase</li><li>• API development</li><li>• LLMs programming workflows</li></ul>	<ul style="list-style-type: none"><li>• PHP &amp; Laravel (expert)</li><li>• Data architecture (15 years experience)</li><li>• SQL &amp; NoSQL</li><li>• CI/CD pipeline setups</li><li>• Documentation Writing</li></ul>	<ul style="list-style-type: none"><li>• User experience</li><li>• Developer experience</li><li>• SDLC methodologies</li><li>• Github expert</li><li>• Online and in-office team dev experience since 2004</li></ul>
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## Experience (selected)

### Lead Full Stack Engineer - [framevr.io](http://framevr.io) (2022 – 2024)

Built subscriptions tier full stack resulting in tens of thousands MRR. built in-world AI-assistant NPC with FAISS vector search and langchain. overhauled front end architecture and processes. original UI UX design and implementation. support our clients' metaverse customization inquiries. Primarily in Typescript, Vue, Vuex, GCP.

### Sr. Full Stack Engineer - [CIS.us](http://CIS.us) (2020 – 2022)

North America's premiere SD-WAN provider. Built b2b SD-WAN management dashboard software integrating with over a dozen telecom APIs (verizon, ATT, Tmobile, Cisco, meraki, etc). Vue & Bootstrap Vue frontend with Laravel backend. clients including Starbucks, 24 Hr. Fitness, Carhartt, State Farm and many more.

### Sr. Full Stack Engineer - [shawnfromportland.com](http://shawnfromportland.com) (2013 – 2020)

Ran a successful web dev sole proprietorship. Primary clients were in the real estate and clinical trials industries. Primary technologies: Laravel, Vue, Typescript, Mysql & ORM, system administration, database administration. Self-produced mobile VR app [Bermeo Heights Express](#).

### Web Dev Instructor - [Thinkful.com](http://Thinkful.com) (2013 – 2014)

Taught about a dozen students JavaScript and web development fundamentals, one-on-one.

### Backend Engineer - Substance Inc Ad Agency (2012 – 2013)

Built award-winning state of the art web experiences for clients including: Nike, Traveloregon.com, Leupold & Stevens, and Saloman Snowboards.

### Backend Engineer - [Thesis Ad Agency](#) (2011 – 2012)

Built award-winning state-of-the-art web experiences for clients including: Nike and Banfield Animal Hospitals.

### Full Stack Engineer - Steelhead Ad Agency (2009 – 2011)

Built award-winning state-of-the-art web experiences for clients including: LG, Panasonic and more.

### Lead Full Stack Engineer - [Bravo Web Solutions](#) (2008 – 2009)

Oversaw two junior engineers, planned and built custom web apps for clients in agency setting.

## Education

Bachelor of Science in Computer & Information Science  
University of Oregon