Marysville, WA
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(509) 528-5369

Cord Marston
Software Engineer

LinkedIn
GitHub
Portfolio

Technical Skills

- **Frontend**: JavaScript (React, Vue, jQuery, Vanilla), Typescript, CSS/SCSS (Tailwind, Bootstrap), HTML, Webpack, Vite, NextJS, SEO
- **Backend**: PHP (Laravel), Node.js, TypeScript, MySQL, Postgres, GraphQL, Prisma, Docker, JSON
- **API Development**: RESTful APIs, GraphQL APIs, gRPC
- **Security**: OAuth, JWT, SSL/TLS, Data Encryption
- **Development Methodologies**: Waterfall, Agile (Kanban), Scrum
- **Other**: Git, VSCode, Object-Oriented Programming, Adobe Suite, Data Structures & Algorithms, AWS, Virtualization

Professional Experience

Senior Software Engineer
Z Networks | 2013 – Present | Marysville, WA
- Led a successful migration of the company's internal systems to the cloud, improving scalability and performance.
- Integrated third-party payment gateway into Dashboard, simplifying the checkout process & decreasing payment collection time.
- Developed an internal dashboard that improved employee productivity by 25% through efficient time tracking tools.
- Migrated legacy systems into a unified dashboard using Vue, Laravel, Node, MySQL, and Docker.
- Spearheaded the development of a project management tool within the dashboard, contributing to client satisfaction and business growth.
- Managed and mentored a team of junior developers and designers on multiple client projects.
- Developed comprehensive analytics and reporting tools to track client retention & implement scheduled procedures to initiate client communication at common fall out dates. Also implemented billing reports with timelines to track procedure & process changes.

Developer & Affiliate Marketer
Self-Employed | 2008 – 2015 | Remote
- Created and optimized hundreds of landing pages for affiliate marketing campaigns across industries such as healthcare, sports, and tech.
- Increased page views and conversion rates through paid traffic sources like Adwords, Facebook, and Bing.
- Managed team of 10 offshore techs to implement advertising campaigns & fast track client setup.

Temporary Web Developer
Central Washington University | 2011 – 2012 | Ellensburg, WA
- Successfully migrated an ASP & Access-based website to WordPress while retaining full functionality and hyperlinks.
- Developed custom plugins to enhance website permissions, scheduling, and post features.
- Streamlined communications between students and faculty by customizing contact options.

Business Development & Engineer
Eagle Web Assets | 2010 – 2013 | Remote
- Led a team of 10 in securing marketing partnerships with major brands.
- Built and optimized landing pages, ad campaigns, and tracking systems for partner performance analysis.

Education

Computer Science
Central Washington University | 2008 – 2011
Relevant Coursework: CS 110 (Programming Fundamentals), CS 111 (Programming Fundamentals II), CS 112 (Introduction to Data Science and Python), CS 302 (Advanced Data Structures & File Processing)

High School Diploma
Southridge High School | 2004 – 2008
Relevant Coursework: AP Algebra I & II, AP Statistics I & II, Web Page Design I, II, III, IV

Projects

Dashboard
Z Networks | Vue, Laravel, MySQL, Docker, Proxmox
Developed from scratch an internal dashboard that removed the company's dependency on third party software. Dashboard includes ticketing, device management, billing, human resources, recruiting and sales systems. The all-in-one system replaced Quickbooks, Manage Engine, Phone Burner, One Note & Skype. The dashboard allowed Z Networks to take full control of their systems and create customizations that using other software did not allow. Developed replication plan for dashboard to keep active systems on-premise across multiple failover locations as well as cloud backups.

Freelance Work
Multiple | Wordpress, WooCommerce, Adobe, Docker
Launched multiple Wordpress websites for various organizations from mechanic shops to shooting ranges. Each website lives on my production docker VPS and was designed from the ground up. Each site contains unique customized plugins for scheduling, selling or visitor tracking.

Pharmaceutical Printers
NDA | Java
Created a Java application for one of the United States largest healthcare providers that was installed on their printers. The software allows pharmaceutical printers to print labels without the use of a computer. This project was unique as I had 0 Java programming knowledge. It challenged me to work with a major client, as well as produce something I had zero experience in.

In my free time I like to develop various apps for fun & learning. You can see those at https://cordmarston.com

References

Randy Ervig	IT Manager	Community Transit	(425) 359-5172	randy@ervig.us
Patrick O'Connor	IT Manager	Z Networks	(360) 670-3548	patrick@oconnorusa.com
Joshua Zitnik	Owner	Powerstroke Customs	(425) 328-9045	sales@powerstrokecustoms.com
Zee McCoy	Marketing	Z Networks	(425) 315-5800	zeemccoy@gmail.com
Jared Judnich	Friend (In tech)	Microsoft	(425) 368-4908	jared.judnich@gmail.com