

Hector H. Lovo Senior Full Stack Software Engineer

Harrisonburg, Virginia – hhl3eq@virginia.edu – [lovo-h.github.io](https://github.com/lovo-h) – [linkedin.com/in/lovohh](https://www.linkedin.com/in/lovohh)

Senior Full Stack Software Engineer with 6+ years of experience in leading remote engineering teams, optimizing frontend and backend performance, and driving product development across complex technical ecosystems. Adept at managing security incidents, improving infrastructure, mentoring junior developers, solving complex technical issues, and delivering scalable, user-centered solutions.

KEY SKILLS

Languages: PHP, JavaScript, TypeScript, SQL, Node.js, Python, Bash. **Frameworks:** Laravel, React/Redux, Vue/VueX, Next.js, Express. **DevOps:** Linux, Windows, Docker, Nginx, AWS, CI/CD. **Development:** Agile/Scrum, Figma, Git, OOP, TDD, REST API Development, Debugging, Performance Optimization, Code Reviews.

Communication: Technical documentation, cross-functional collaboration, incident response.

EXPERIENCE

Automattic, Remote – Senior Full Stack Software Engineer

Oct 2021 - Apr 2025

“Tech company powering WordPress, WooCommerce, Tumblr, and more.”

- Led the development of the [Direct Checkout](#) (DC) feature for [WooPay](#) and [WooPayments](#). The DC feature optimized the UX for shoppers and increased the shopper conversion rate by approximately 15%. Accomplished this by applying the OOP strategy, in WooPayments, to simplify communication between merchant sites and the WooPay servers. Developing the corresponding API, in WooPay, to seamlessly transmit sessions across servers.
- As the Shopper Experience Ambassador, investigated and documented the initial steps of the migration process of the WooCommerce server, making sure to include fallback strategies to the legacy system. Investigated how to map between the Event Driven system and the legacy system to ensure system integrity. Required tech lead responsibilities and close collaboration with the Architecture Team in order to knowledge-share between the Shopper Experience and the Merchant Experience teams.
- As [Security Incident Response Representative](#), addressed security events and outages by using [LogStash](#), [Grafana](#), and other debugging tools to investigate incidents, document reproducible steps, propose solutions, and strategize deployments. Coordinated with corresponding teams through [Slack](#), minimizing disruption.
- Full Stack Engineer using JavaScript/TypeScript + React and PHP. Led the development of key features in [Stripe](#), supporting high-traffic eCommerce platforms.

SafetyAmp, Lyndhurst, VA – Full Stack Software Engineer

Aug 2019 - Oct 2021

“Cloud-based platform empowering data-driven safety, quality, and compliance workflows.”

- Led the development of the [Visitor-Contractor Management system](#). This system used PHP/Laravel for the backend, Vue for the frontend, and NativeScript + Swift for the iOS mobile kiosk. This system required cross-collaboration with the training module devs in order to ensure contractors/visitors were trained/certified before arriving on-site. Before handing off this system, it had processed over 1,000 unique visitors.
- Boosted integration test performance by 50%, significantly reducing CI/CD times and enhancing productivity.

Chiedo Labs, Harrisonburg, VA – Full Stack Software Engineer

Jan 2019 - Aug 2019

“Web & mobile development firm with incubator mindset, crafting from concept to launch.”

- Collaborated with internal and external teams on education-focused web apps for managing academic records and facilitating student-employer connections. The apps were built using Node.js + Express for the backend and React + Redux for the frontend.
- Advocated and mentored the usage of Docker to improve the development flow.

EDUCATION

University of Virginia, Charlottesville, VA – Bachelor of Science in Computer Science