Dak Washbrook

🏠 Aliso Viejo, CA | 📞 (818) 517-6315 | ✉ vinlockz@gmail.com | 🛡 bitbucket.org/vinlockz

Work Experience

🏢 NCSOFT Interactive, LLC

💼 Senior Web Engineer / `January 2019 – Present`

- Took ownership of, engineered, and maintained containerized and scalable Node.js applications that were utilized by client-side engineers to service customer-facing web and in-game interface applications. Applications included REST and GraphQL API interfaces.
- Collaborated with QA teams and stakeholders to uphold project requirements while producing results of the highest possible quality.
- Responsible for growing and maintaining the core relationship between our team and the Platform team.
- Built, maintained, and scaled out cloud infrastructure on AWS for front-end and back-end/server-side applications and services.
- Designed and developed a Platform SDK for JavaScript in NodeJS as a wrapper around the platform services provided by on and off site platform teams for reusability. The SDK exposed a set of JavaScript APIs, as well as abstracted session ID encryption algorithms ported from Java, to easily interface with all necessary platform functionality.
- Project Lead for integrating CI/CD into the development and publishing workflows and practices. Designed and developed Jenkins CI/CD workflows, scripts, and shared libraries in Groovy. Responsible for interfacing with the DevOps team to migrate to Kubernetes.
- Worked jointly with other teams and stakeholders on projects to maintain an understanding of the possibilities and timelines of their requests. Contributed technical input on projects based on experience and market research. Set new company standards of documentation to help connect technical and non-technical teams across the organization.

💼 Web Engineer / `November 2016 – January 2019`

- Refactored the RESTful API built on the Phalcon PHP Framework to better support scalability and cash purchase integration with the Platform and front-end clients.
- Developed, deployed, and maintained custom SSO Auth integration and multiple functional features on top of Invision Power Board forum software on a per product basis for customers to have a more personal and game-integrated experience.
- Pioneered the use of GraphQL at the company and utilized it where it made sense. Allowed the front-end developers to optimize their API calls to increase their application's performance and user experience.

🏢 Dellamoda, Inc.

💼 Lead Web Engineer / `October 2010 – November 2016`

- Developed and maintained tools to automate and exponentially increase efficiency across multiple internal workflows. Developed a scalable application and RESTful API on the Laravel PHP Framework to defeat the limitations of legacy software employed by the company. The API housed multiple customer-facing user interfaces and dealt with automating processes across the company.

Projects

🖧 I Want Lasers - Website *(In Progress)*

Freelance Full Stack Web Developer / `March 2019 – Present`

- Designed and developed a SEO conscious marketing website using React JS, Gatsby JS, Express JS, and GraphQL.
- Assisted with guiding the brand direction for the website design and user experience.

🖧 Imperial Gaming Network - Discord Bot

Freelance Web Engineer / `February 2016`

- Bot was utilized for chat moderation by server admins and moderators.
- It managed a full match/betting system that maintained point totals for all Discord server members to assist with user interaction during game tournaments hosted by Imperial.
- Housed many other mini-games that over 500 unique users played with and versus each other daily in the chat using the previously mentioned points system.
- Developed in Python.

🖧 Zephyr Gaming Community - Website *(In Progress)*

Founder / Full Stack Web Developer / `October 2018 – Present`

- Developed the core website for the Zephyr Gaming Community in React JS with a NodeJS Express JS backend REST API.
- Created a translator and real-time schedule to serve the purpose of assisting gamers with the game Aion Online.

🖧 PvP All Day - Website

Founder / Full Stack Web Developer / `Sept 2010 – Nov 2014`

- Developed a video showcase website delivering accurately categorized gaming video content to users.
- The website reached 20,000 unique visitors per month based on Google Analytics. Users visited from locations across the world.
- Originally developed in raw PHP, later refactored on top of the Laravel PHP Framework.

Technical Skills

</> Languages: JavaScript, PHP, Python, SQL, Bash, Groovy, HTML, CSS & SASS

🗂 Frameworks / Libraries: ExpressJS, GraphQL JS & Apollo, Jest, Mocha & Chai, React JS, GatsbyJS, Laravel & Lumen, Phalcon

⚙ Technologies: NodeJS, MySQL, MongoDB, GraphQL, NGINX, Kubernetes, Docker

🛠 Tools: Linux CLI, Git, Jenkins, JIRA, Confluence

☁ Cloud Services: AWS, DigitalOcean, Netlify

Personal Traits

☺ Highly self-motivated, passionate, and consistently excited to continously learn new things.

🕑 Incredibly fast learner, always tinkering, and very analytical, logical, and computational thinker.

🦝 At the ready to tackle any problems head-on while inventing and implementing efficient and effective solutions.

🎞 Avid watcher of sci-fi, fantasy, law, and police shows/movies.

🖥 Tech Enthusiast.

🎮 Frequent gamer.