

Kevin Siraki

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Relevant Experience

IT, Multimedia Technology Lead | Glendale Unified School District

9/2022 – Present

- Configured network equipment and software, ensuring adherence to procedures whilst troubleshooting.
- Co-trained instructors in creating engaging lessons using Google Workspace and educational software.
 - Integrated devices like 3D printers into lesson plans to enhance student engagement by ~45%.
- Achieved a 99% ticket resolution rate, escalating critical issues for timely resolution by IT colleagues.
 - Revived non-functional systems through trend analysis, reducing costs and optimizing resources.
 - Successfully repaired 95% of Chromebooks, promoting eco-friendliness and reducing e-waste.
- Automated recurring tasks using CMD, Bash, and launchd, improving productivity school-wide by 70%.
- Streamlined the transition from DHCP to static device IPs for print server setup within a limited timeline.
- Coordinated with the Technology Director to strengthen user authentication policies through Active Directory.
- Conducted system inspections and configured intrusion detection systems (IDS), reducing downtime by 80%.

Full Stack Developer | Freelance

1/2019 – Present

Current Project (7/2022 – Present) Linux, MongoDB, Express.js, Angular.js, Node.js, Nginx, Python, Socket.io

- Revamped a live notification system into a scaffold for social media, aligning features via Agile methodologies.
- Leveraged hardware logistics expertise for an economical server solution, achieving a substantial cost reduction.
- Designed a scalable system with MongoDB sharding and Kubernetes, yielding a latency reduction of 89%.
- Executed unit testing with Jasmine, implemented Git Actions CI/CD pipeline for development and production.
- System now efficiently handles a 50% increase in user load, showcasing adaptability and scalability.

Don't Trip (1/2021 – 5/2022) Linux, Nginx, MariaDB, PHP, Bootstrap, J-Query, Vue.js

- Led a team of 2 developers to create a successful Google Maps API based PWA.
 - Generates personalized curated travel plans ("Tesla EV Charging Stations on the way to Palo Alto, CA").
- Full CRUD for user preference history with regional popularity rating per location built in using the Yelp API.
- Garnered 1500+ page visits within a month, primarily from CSUN's academic community.
- Implemented security measures, including 2FA, salt hashing, and protection against common vulnerabilities.
- Integrated third-party SSO options for authentication as well as JSON web tokens to replace sessions.
- Managed Agile development with Git, Jira, and Docker whilst utilizing PHPUnit for robust backend unit testing.

PC & Server Consulting | Freelance

5/2018 - 11/2020

- Independently built 50+ server-grade and gaming systems within strict budget and time constraints.
- Utilized equipment like multimeters, oscilloscopes, and EEPROM programmers for precise debugging.
- Developed a software suite for CPU, FPU, and RAM stability testing in C, PowerShell, Python, & Bash.
 - Contributed to open-source core-by-core test software for AMD Zen 3 architecture (corecycler by sp00n).
 - Achieved 100% system stability results through comprehensive testing.
- Provided cost-effective solutions based on current market knowledge for clients.

Education

Computer Science B.S. | California State University Northridge | 3.95 GPA - **Magna Cum Laude**

8/2020 - 5/2022

- Awarded 2 Northrop Foundation Endowed Scholarships for excellent academic achievement and essay.
- Tutored fellow students in Functional Programming, yielding excellent results and positive feedback.

Computer Science Transfer | Glendale Community College | 3.70 GPA - **Dean's List**

8/2017- 6/2020

- Part-time Data Structures and Algorithms tutor; Students made significant grade improvements by finals.
- Showcased my 6502 breadboard computer on YouTube, garnering thousands of views, likes, and interactions.

Notable Skills

- **Languages:** JavaScript, TypeScript, Python, PHP, Java, C#, Dot.net, C, C++, Assembly
- **Backend:** SQL, RDBMS, MongoDB, NoSQL, Redis, Node.js, Express, Laravel, Wordpress, Apache, Nginx, AWS, Azure, Docker, Kubernetes, Linux, Firewalls, Rest APIs, WebSockets
- **Frontend:** HTML, CSS, SASS, JS, jQuery, Bootstrap, Tailwind, Blade, Vue, React, Angular, Next, Flutter
- **Misc.:** MS Office, Bash/PS, Crontab, Git, TDD, CI/CD, Agile, Jira, Networking, Embedded Systems, Unity