Kevin Siraki

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Relevant Experience

Full Stack Developer | Freelance Collaborative Project
11/2023 - Present
- Transformed a notification system into a cutting-edge corporate platform using MEAN stack, Nginx, & Socket.io.
- Aligned features with evolving needs through Agile methodologies and effective communication with stakeholders.
- Leveraged prior hardware consulting expertise in tandem with hardware engineers for an economical solution.
- Designed a scalable system with MongoDB sharding and orchestrated Kubernetes for load balancing.
- Conducted extensive unit testing with Jasmine and established a Jenkins-based automated testing pipeline.
- Hooked MCU/NeoPixel clusters to our backend to blink various LEDS, fostering a fun and vibrant team culture!

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 modern devices like 3D printers into lesson plans to enhance student engagement.
- Achieved a 99% ticket resolution rate, escalating critical issues for timely resolution by IT colleagues.
  - Revived non-functional systems, leading to cost savings and resource optimization.
  - Successfully repaired 95% of Chromebooks, promoting eco-friendliness and reducing e-waste.
- Automated recurring tasks using CMD, Bash, and launchd, significantly improving productivity.
- Streamlined the transition from DHCP to static device IPs for printers and print server setup.
- Coordinated with the Technology Director to strengthen user authentication policies through Active Directory.
- Conducted thorough system inspections and configured intrusion detection systems (IDS).

Full Stack Developer | Don't Trip CSUN Senior Design Team
1/2021 – 5/2022
- Led a team of 2 developers to create a successful Google Maps API based PWA using Laravel/PHP and Vue.js.
  - 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 (*corcycler* 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.
- Participated in a hackathon with fellow students where I showcased my 6502 computer, winning 1st place.

Notable Skills

- **Languages**: JavaScript, TypeScript, Python, PHP, Java, C#, Dot.net, C, C++, Rust, Golang, Ruby, R, Assembly.
- **Backend**: (No)/SQL, MongoDB, Redis, RDBMS, Express, Node.js, Laravel, Wordpress, Apache, Nginx, AWS, Azure, Docker, Kubernetes, Ansible, Jenkins CI/CD, Linux, iptables, Rest APIs, MVC, SocketIO, System Design.
- **Frontend**: HTML, CSS/SASS, JS, Bootstrap, Tailwind, Blade, Vue, React, Angular, Next, Flutter, jQuery.
- **Misc.**: MS Office, Bash/PS, Crontab, Git, TDD, Jira, Networking, Hardware, Embedded Systems, Unity, SOLID.