Kevin Siraki

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Experience

Software Engineer - Application Developer II | LA County Board of Supervisors | 6/2024 – Present
- Developing a Blazor C# app tied to a MSSQL DB as a user-friendly frontend for complex database operations.
  - Aims to save developers ~10% of their time by enabling business users to make quick backend updates.
- Using the Microsoft suite to build low code SharePoint pages, PowerApps solutions, and PowerAutomate flows.
- Managing content with Kontent.ai headless CMS with Git for version control and Actions CI/CD on the Vue.js side.
  - Created an offline copy of a headless Vue.js website by creating a custom event handler library.
- Resolving ~25 tickets weekly related to Dynamics 365 & CRM in order to maintain smooth business operation.
- Spearheading AI R&D by creating POC applications for various use-cases with the OpenAI Assistants API.

IT Technical Support Analyst I | LA County Board of Supervisors | 4/2024 – 6/2024
- Used FootPrints to track and resolve incoming tickets in tandem with IT, Cloud-Ops, and App Dev teams.
- Leveraged Active Directory, InTune, and internal software to manage, monitor, and debug system compliance.
- Developed a suite of batch scripts to automate ~50% of routine tasks when imaging and deploying new devices.

Multimedia Technology Lead | Glendale Unified School District | 9/2022 – 4/2024
- Migrated on-prem resources to Google Cloud, enabling seamless access and slashing annual costs by >$10k.
- Automated workflows with JavaScript and CronJobs, raising productivity by 50% with 35+ tickets resolved weekly.
- Utilized T-SQL based information systems; analyzed data for reports and generated insights with pivot tables.
- Actively collaborated with cross-functional teams in standup meetings to discern evolving cybersecurity needs.
  - Liaised with network engineers in IDS setup, vulnerability scans, pentests, and security assessments.

Freelance & Projects

Full Stack Developer | Don't Trip | 5/2020 – 2/2023
- Led 2 developers, alongside a dedicated Scrum Master, in creating a versatile landmark discovery platform.
  - Generates personalized curated travel plans ("Tesla EV Charging Stations on the way to Palo Alto, CA").
- Integration of Google Reviews API drove over 1500 unique page visits during the launch month.
- Implemented enterprise-level security to safeguard against vulnerabilities such as XSS, CSRF, and SQL injection
  - Includes parameterized queries, JWT, 2FA, hashing, MX verification, anti-proxy, WAF, & DDoS protection.
- Managed Agile development with Git, Jira, Docker; used Swagger for API docs and PHPUnit for unit testing.
- Wrote turnkey Ansible playbooks for automated DB backups, server updates, deployments, & orchestration tasks.
- Improved UI/UX design boosted user engagement and satisfaction, resulting in a 20% increase in user retention.

Current Personal Projects:
IoT Environment Analysis API - A REST API for data analysis; tested with J-Unit & documented with Swagger.
- JSON payloads are sent to SpringBoot API from ESP32 MCUs; deserialized data is stored in a MySQL database.
  - Combined schema normalization, Redis, and pagination to provide a quick response time for clients.
  - Mitigated data redundancy and dropped API response latency by ~50 ms per 100 KB response size

Other Ongoing Initiatives: Server Automation, DT Cloud Music Service, DRAM Interface Firmware, DB Replication Experiments.

Education

Computer Science B.S. | CSU Northridge | 3.95 GPA - Magna Cum Laude
- Awarded 2 Northrop Grumman Foundation CECS Scholarships for excellent academic achievements and essays.
- Part-time Data Structures and Algorithms tutor; Students made significant grade improvements by finals.
- Built Java-C, a compiler (lexer, parser, and typechecker) featuring OOP, bounds checked arrays, and subtyping.
- Showcased my 6502 breadboard computer on YouTube, garnering thousands of views, likes, and interactions.

Skills

Programming Languages: JavaScript, TypeScript, Python, PHP, Java, C#, Dot.net, C, C++, Assembly
Microsoft Tools: PowerApps, PowerAutomate, SharePoint, Dynamics CRM, Azure Cloud & Active Directory, SSMS, MSSQL
Dev Tools/Practices: Agile, TDD, Scrum, Kanban, CI/CD, Git, Jira, Linux, Bash, Ansible, Nginx, Apache, AWS, Docker, Kubernetes
Full Stack Development:
- **Frameworks & Stacks**: ASP.NET MVC with Razor, Blazor (C#), LAMP, LEMP, MEAN, MERN, Laravel, Vue, Angular
- **Frontend**: HTML, CSS, SASS, React, jQuery, Bootstrap, Telerik, Tailwind, Flutter
- **CMS**: Kontent.ai (Headless), WordPress, Drupal
- **Backend**: Node.js, Express, Laravel, Java Spring, REST, GraphQL, MySQL, MariaDB, Postgres, MongoDB, Redis
IoT: MCUs, Circuit Design, MQTT, Sensors, FreeRTOS, I2C, SPI, LPO, BLE