JACOB MIRELEZ

SENIOR SOFTWARE ENGINEER

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# **Summary**

Experienced Senior Software Engineer with over 10 years of expertise in Drupal development and recent tenure as an IT Administrator. Skilled in building, extending, and configuring Drupal sites using core and contrib modules, creating custom modules, and theming Drupal sites with TWIG, JS, and CSS for decoupled implementations. Proficient in PHP, MySQL, and Drupal 8+. Strong background in full Drupal deployment, web accessibility guidelines, and collaborative version control using Git. Agile and Scrum experience, with a focus on developing performant mobile-first experiences and automated testing.

# **Key Skills**

* **CMS Development:** Expert in Drupal (10+ years, Custom module and theme development, site administration, performance optimization), CiviCRM, WordPress, Sitecore, Adobe Experience Manager (AEM), custom module and theme development
* **IT Administration:** Network infrastructure management, system administration, security protocols
* **Networking:** Routing, switching, VLAN configuration, firewall management
* **Frontend Technologies:** HTML, CSS, JavaScript, AJAX, React, Vue.js, TailwindCSS
* **Backend Technologies:** PHP, MySQL (10+ years), Node.js
* **Databases:** MySQL, MariaDB, MongoDB, Oracle
* **Administration:** Managed configurations for 20+ Drupal installations, achieving 99% uptime and performance optimization resulting in 30% faster load times
* **Mobile Technologies:** Android, iOS, React Native
* **APIs:** Implemented 15+ RESTful APIs and GraphQL endpoints for seamless integration
* **Version Control:** Proficient in Git, managed 10+ repositories across projects
* **CI/CD Tools:** Implemented Jenkins and GitLab CI pipelines for 15+ projects, reducing deployment time by 40%
* **Cloud:** Deployed and managed applications on AWS and Azure
* **Tools:** Experienced with Docker, Kubernetes, Terraform for scalable deployments
* **Development Methodologies:** Agile, Scrum
* **Communication:** Excellent English-speaking and written communication skills, adept at knowledge transfer
* **Additional Skills:** Strong problem-solving skills, technical communication, team collaboration, attention to detail

# **Work Experience**

## Accenture | Senior Software Engineer Mar 2020 – Apr 2024

* Led a team of 5 developers in the administration and development of Drupal-based applications for 10+ high-profile clients in healthcare and finance sectors
* Managed end-to-end project lifecycles using Agile/Scrum methodologies, leveraging Drupal, PHP, and MySQL
* Implemented performance optimizations using caching strategies and CDNs, achieving 99% uptime and reducing average page load times by 30%
* Developed 30+ custom Drupal modules and themes, ensuring compliance with coding standards and client requirements
* Conducted code reviews and mentored junior developers in Git, fostering a culture of continuous improvement and collaboration.
* Managed up to 5 projects simultaneously, meeting aggressive deadlines and maintaining client satisfaction

## Amazon | Full Stack Developer Feb 2018 – Feb 2020

* Managed network infrastructure for 500+ nodes, including routing, switching, VLAN configuration
* Implemented security protocols and conducted regular audits, achieving zero security breaches over 3 years
* Led system administration tasks, ensuring 99.9% uptime for critical services and applications
* Conducted 20+ training sessions on IT optimizations and security enhancements
* Designed and implemented scalable backend services using PHP and integrated Drupal with AWS cloud services, ensuring reliability and performance
* Engineered CI/CD pipelines with Jenkins and Docker, reducing deployment times by 40% for Drupal and Node.js applications
* Collaborated with product management teams to translate business requirements into technical solutions, utilizing React for frontend development and GraphQL for API integration

## Southwest Airlines | Full Stack Developer May 2015 - Jan 2018

* Developed and maintained backend services using PHP and MySQL, specializing in Drupal development
* Implemented Docker and Kubernetes for containerized deployments, improving scalability and deployment efficiency
* Conducted performance tuning and implemented security measures, reducing page load times by 30%.

## Exxon Mobil | Backend Developer Aug 2013 - Feb 2015

* Developed backend services using PHP and MySQL, specializing in Drupal module and theme development
* Integrated GraphQL APIs for enhanced data fetching capabilities in decoupled Drupal architectures
* Utilized Acquia for Drupal distributions, ensuring smooth installation, configuration, and production deployment
* Worked closely with clients to gather requirements and deliver customized solutions.
* Used CI/CD pipelines with GitLab CI for automated testing and deployment processes, reducing deployment time by 50%
* Implemented unit testing and TDD methodologies, ensuring code quality and reliability
* Collaborated with cross-functional teams to ensure project success.

# **Education**

## University of Texas at Austin| Austin, TX Aug 2009 – May 2013

Bachelor of Science (BS) in Computer Science