

Michael Miller

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Summary

Skilled software engineer and leader with over 14 years of experience. Seasoned in every aspect of the SDLC from requirements gathering, stakeholder communication, development, and deployment. Proficient in a wide range of programming languages, frameworks, and databases. Expertise in delivering quality work in fast-paced environments.

Experience

HenryMeds | Remote

Engineering Manager | 08/2023 - Present

- Conducted hundreds of technical interviews, scaling the engineering department while upholding a rigorous quality bar.
- Directed multiple engineering teams within the Internal Applications division, overseeing delivery of a broad suite of enterprise systems.
- Built and scaled the Process Automation team, whose initiatives eliminated tens of thousands of manual hours annually through workflow automation.
- Championed and delivered high-impact initiatives such as HRT and Bulk Ordering, enabling new revenue and operational efficiencies.
- Oversaw the Clinical Integration team, delivering pharmacy system integrations that unlocked the company's ability to compound medications in-house.
- Facilitated a monthly backend engineering forum to drive cross-organizational alignment and technical consistency.

HenryMeds | Remote

Senior Software Engineer | 08/2022 - 08/2023

- Joined as the first engineer, establishing the technical foundation and scaling systems to support one of the fastest-growing startups in the country.
- Designed and implemented the medication processing platform, enabling hundreds of thousands of prescriptions annually with accuracy and compliance.
- Deployed and managed the company's GraphQL Hasura infrastructure and authentication layer, leveraging JWTs via Google Cloud IAP to deliver secure and scalable access.
- Led the end-to-end overhaul of the customer journey, migrating off a third-party sales tool and saving the company ~\$500K annually.
- Developed backend services for clinician management, covering workflows from treatment eligibility to scheduling.

Acxiom LLC | Conway, AR

Expert Solutions Developer | 01/2011 - 08/2022

- Owned and scaled a suite of real-time credit card offer APIs processing 5M+ daily transactions with >99.99% uptime, ensuring high availability in production.
- Migrated legacy on-prem APIs to AWS API Gateway and ECS using Jenkins + Terraform, improving scalability, reliability, and maintainability.
- Led the migration of .NET Core batch APIs into an event-driven architecture leveraging Google Pub/Sub, reducing processing latency and operational overhead.
- Designed and maintained cross-team database schemas in Oracle, Postgres, and SQL Server, ensuring data integrity and performance at scale.
- Built secure data exchange tooling using hashing algorithms and JSON Web Encryption (JWE) to safeguard PII across systems.
- Developed multithreaded Python pipelines to process large volumes of offline transactions, shifting workloads to off-peak hours to optimize DB and app performance.
- Integrated with third-party platforms such as TransUnion and internal tools like Retool, delivering robust .NET Core APIs to expand system capabilities.
- Engineered a custom Java gateway solution for on-prem routing, handling authentication and full payload encryption/decryption across downstream systems.
- Designed and implemented a SharePoint 2010-based user access management system, streamlining permissions for hundreds of users across UNIX, Oracle, and SharePoint environments.
- Interviewed, onboarded, and mentored new engineers, contributing to team growth and technical excellence.

Modulus Co LLC | Little Rock, AR

Co-Founder / Developer / Instructor | 04/2021 - 04/2022

- Instructs students on enemy artificial Intelligence behavior trees, animation blueprints, game mode creation, and general class design.
- Managed the team's Perforce source control repository hosted on AWS, ensuring that all code changes were properly documented and easily accessible to team members.
- Developed multiple Unreal Engine demo projects for use in marketing and presentations, showcasing the capabilities of the engine and our team's work.
- Created generalized function libraries using C++, improving code reuse and streamlining the development process.

Education

University of Arkansas at Little Rock | Little Rock
M.S., Computer Science | 05/2019

University of Central Arkansas | Conway
B.S., Computer Science | 12/2011

Skills

Javascript, Python, Java, C#, .NET, GCP, AWS, Agile, PL/SQL, Oracle, SQL Server, PostgreSQL, Express.js, Jboss, WildFly, Linux, Node.js, Docker, Back-end Development, REST, DevOps, SOAP, Databases, Git, OOP, NoSQL, CI/CD, GraphQL, Relational Databases, Software Development, Full Stack Development, Web Development, Terraform, Jenkins, ChatGPT, Claude, AI Tools