

MANUEL E. SALETA

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EXPERIENCE

SOFTWARE ENGINEER LEAD SION CENTRAL – 06/2024-PRESENT

- Designed and implemented secure authentication and authorization flows using Auth0, enabling SSO and MFA for customer of our financial applications.
- Integrated transactional and notification services with SendGrid and Twilio to deliver reliable email and SMS workflows for onboarding, alerts, and transaction confirmations.
- Built payment and account-management systems with strict data handling and encryption in transit and at rest to support regulatory requirements (GDPR) and secure high-volume transactions.
- Owned infrastructure as code using Terraform, developing reusable modules, managing remote state, and provisioning multi-environment cloud infrastructure for reproducible, auditable deployments. Managed with AWS and Kubernetes
- Implemented logging systems for GDPR and PII compliant systems, including RBAC, centralized secrets management, audit logging, CI/CD policy gates, monitoring, and alerting to ensure compliance, high availability, and predictable operational spend.

SOFTWARE ENGINEER LEAD BITSTOP INC – 06/2021-2024

- Led code reviews for features written in ReactJS. Developed and maintained React components using hooks, React Redux, React Router, React-i18next, and React Spring, enhancing the platform's functionality and user experience.
- Enhanced uptime of critical e-commerce pricing APIs to 99.95% by refactoring from Python to C# and leveraging Docker & Kubernetes. This resulted in a 20% reduction in developer overhead costs, leading to substantial savings for the company.
- Mitigated high-level security risks by integrating with third-party providers and transitioning from self-hosting to cloud-based financial services like BitGO API and Bitcoin Average API. Ensured the security of high-volume, high-traffic applications.
- Enabled operation-critical e-commerce features such as ATM management, data exports, and API configurations by creating highly scalable micro-services using Docker and Kubernetes. Supported high-volume transactions.
- Accelerated team development cycles and reduced bugs in production by implementing a peer code-review system and incorporating documentation into the feature acceptance process. Managed two teams of developers to ensure high-quality, automated testing and efficient project delivery.
- Extensive experience with RabbitMQ for message brokering and asynchronous communication. Implemented robust messaging solutions to enhance system reliability and scalability. Developed and maintained messaging infrastructure to support high-volume transactions and real-time data processing. This resulted in better efficiency, and less http-chaining.
- Architected micro-services using Docker and Kubernetes, leveraging container-based service delivery strategies with Docker and cloud-based hosting solutions (Kubernetes, ECS, etc.). This was the result of moving our infrastructure off of CircleCI.
- Led the full Software Development Life Cycle (SDLC) from ideation through production, collaborating with architects for system design and working with product owners on feature development.
- Managed legacy applications built using the .NET Framework, ensuring smooth transitions and updates. Optimized performance and maintained compatibility with modern systems, this was accomplished by migrating from .NetFramework to .Net Core.

SOFTWARE ENGINEER AMADEUS HOSPITALITY – 02/2017 - 06/2021

- Increased staff productivity by reducing cleaning time from 12 minutes to 7 minutes. Created API integrations for OperaPMS, ShijiPMS, HotSOS, and HotSOS Mobile, enabling staff to perform clerical duties on tablets rather than manually transcribing information on paper and then on the computer.

- Improved operational efficiency by transitioning hotels to a web-based client with Angular for UI, C# for API, SQL, and Microsoft Azure. Solely responsible for the mobile development process, which included Java, Kotlin, and Objective-C for iOS, enabling staff to gain more visibility, allowing for better planning, and reducing downtime.
- Refactored legacy applications from .NET Framework to .NET Core, enhancing performance, scalability, and maintainability. Modernized the codebase to leverage the latest features and improvements in .NET Core.
- Transitioned from a monolithic architecture to a micro-services architecture to improve system modularity, scalability, and fault tolerance.

ASSURANT IT SOLUTIONS – 10/2016 - 01/2017

- Rolled out internal corporate-sponsored hackathons, creating web-apps to track all of the department POC initiatives such as Alexa Skills for interactive payment options. Worked directly with the VP of Technologies to achieved these events.

FIU STARS TUTORING – 02/2015 - 09/2016

- Improved the overall number of students successfully passing their CS courses by providing individualized study sessions for a multitude of course such as Database Management, web development, and programming I, II, III; Operating Systems, Linux system administration and Application security.

SKILLS

- C# .NET Core, C# .NET Framework, JS, Data structures, IoC pattern/ Dep. Injection, OOP design, MVC, ASP.NET Core, Entity Framework, LINQ, RESTful API development, MVVC.
- Database experience: MSSQL, MySQL, PostgreSQL, NoSQL such as Azure Tables, MongoDB, Kusto Query, Redis, Elasticsearch, GraphQL
- Cloud provider services: Azure functions, Service Apps, App Insights, AWS lambda, Kubernetes, Azure DevOps, AWS S3, Google Cloud Platform (GCP), Terraform.
- Mobile development: Android & iOS development, Flutter framework, Swift, Kotlin, Java, Docker, React Native, Objective-C
- Operating system knowledge: Unix Terminal, CMD, and PowerShell, Git, Trunk-Based, CircleCI, DigitalOcean, Bash.
- Frameworks and languages: C#11, Preact, React.JS, VueJS, Ruby, Python, C#9, Crystal Lang, TypeScript, Angular.
- Other skills: Bilingual, fluent in English and Spanish, spoken and written, Jira, Trello, Functional Programming, Agile methodologies (Scrum, Kanban), CI/CD pipelines, Unit testing and TDD (Test-Driven Development), GraphQL, Terraform, Auth0, Infrastructure as Code. Liquid Template, Dry, Linear, Notion

EDUCATION

FLORIDA INTERNATIONAL UNIVERSITY B.S. SOFTWARE DEVELOPMENT