Kenneth Rosales

Sr. Software Engineer

As a seasoned Senior Software Engineer boasting more than 6 years of immersive experience in the full software development lifecycle, I have consistently upheld a track record of exemplary performance while playing a pivotal role in driving the triumph of numerous projects within the software industry. My proficiencies extend beyond the realm of technical expertise, encompassing a robust foundation of both soft and technical skills that have been meticulously honed through dedicated training in the field of software engineering.

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Experience

San José, Costa Rica
Aug 2022 - Aug 2023

Sr. RoR Engineer | Sr. Software Engineer

Mismo

- Led project planning, scope definition, and requirements gathering.
- Assembled and managed cross-functional teams.
- Implemented Agile methodologies and conducted code reviews.
- Maintained regular client communication.
- Designing, developing, and maintaining micro-services using Ruby and NodeJS with frameworks like Ruby on Rails and Express.js to build scalable and independent components of a larger application.
- Working with databases like MySQL, PostgreSQL, MongoDB to store and retrieve data from Ruby applications.
- Collaborating with front-end to integrate Ruby code with HTML, CSS, and JavaScript using Typescript, ReactJS, Next.js for creating interactive and user-friendly interfaces.
- Writing unit tests, integration tests, and performing debugging to ensure the reliability and functionality of Ruby code.
- Implementing inter-service communication patterns such as RESTful APIs, message queues, or event-driven architectures to facilitate communication between micro-services.
- Contributing to open-source projects in the Ruby community by submitting bug fixes, new features, or documentation improvements.
- Building and maintaining Ruby and Python applications that handle high traffic and large datasets efficiently, ensuring scalability as the user base grows.
- Setting up and automating continuous integration and deployment pipelines for Ruby and Python applications, streamlining the development and deployment processes.
- Experience with AWS using S3, EC2, RDS, CloudFront, ElasticCache, CloudWatch...

Environment: Ruby on Rails 7,6, HTML, SASS, CSS, AJAX, JSON, Linux, RESTful, MySQL, PostgreSQL, JavaScript, Bootstrap, Rspec, Cucumber, Capybara, React, git, Jenkins, AWS, RSpec, Rubocop, Kubernetes, Docker, Node.JS, Express.js

San José, Costa Rica
Jun 2021 - Aug 2022

Sr. RoR Engineer | Sr. Software Engineer

Pixel506

- Initiated project and defined scope and platforms.
- Collaborated with design and backend teams.
- Guided technology stack selection and coding standards.
- Ensured code quality through automated testing.
- Implement clean and scalable APIs and data models using Ruby and Node.js
- Requirements and Design Review Documents to develop Test Plan for projects involved and wrote Test Scripts for positive, negative, edge cases.
- Perform prototyping, system analysis, development, and maintenance of systems.
- Work with QA as needed on automated testing.
- Ensure code quality with one team (rspec, cypress, code reviews).
- Design and implement clean and scalable APIs and data models
- Ownership and responsibility for major aspects of product functionality from back-end
- Work closely with stakeholders and peers to develop software that meets the business objectives of the organization.
- Using React.js and Ember.js to consume some micro-services

Environment: Ruby on Rails, HTML, SASS, CSS, AJAX, JSON, JQuery, Linux, RESTful, MySQL, PostgreSQL, JavaScript, Bootstrap, Rspec, Cucumber, Capybara, Ember, React, git, jenkis, AWS, postgresql, Js, Typescript, Ruby, Node.js

San José, Costa Rica
Jan 2019 - Jun 2021

Sr. Fullstack Software Engineer

Gorilla Logic

- Led architectural design and team building efforts.
- Ensured data security and compliance.
- Optimized data processing performance by 30%.
- Maintained stakeholder communication.
- Developed Model View Controller (MVC) Architecture based Web applications in Ruby on Rails, BackboneJS, ReactJS and VueJS.
- Creating new online products via Spree Commerce.
- Proficient in developing front-end systems using JavaScript, Bootstrap, tailwindcss.
- Integrated payment system, Firebase real-time database platform, Spree e-Commerce platform.
- Manage controllers, Active Resources, Fixtures and Action View in Rails.
- Implemented AJAX driven UI Elements that were more agile and faster. Designed and developed RESTful style web services to manipulate dynamic datasets.
- Implemented Authentication with Devise gem and configured the application according to the requirements.
- Involved in modeling complex database table and relationships
- Create micro-services using Ruby, Node.js, Python and Go.
- Experience in Agile Development, Git Hub, Amazon EC2, Amazon AWS and Heroku.
- Proficient in developing front-end systems with JavaScript, SASS, JS, Backbone JS and Bootstrap CSS.
- Strong experience in using Web Services Technologies like SOAP, XML, SAML and SCIM.
- Experience with cypressJS

Environment: Ruby 2,3,4, Rails 5, Rails 6 beta, Amazon S3, Unicorn, MongoDB, Mac OS X, ImageMagick, RMagick, RSpec, Cucumber, XHTML, AJAX, Git, Capistrano, JavaScript, JQuery, XML, XSL, SOAP, SAML, SAML, Shell Script/Unix, MySQL, React, Backbone, vue, node, Go, python, Node.js, Express.js

San José , Costa Rica
May 2018 - Jan 2019

Mid. Software Engineer

Mismo

- Communicating with the customer to design solutions.
- Implemented and enhanced CRUD operations for the applications using the MVC Model View Controller architecture of Rails framework and Ruby conducting code reviews.
- Database modeling and design. Involved in developing and implementation of the web application using Ruby on Rails.
- Used Restful API to gather sales related data for products.
- Created custom angular filter function for parsing the data to users in a appropriate way.
- Created different modules like services, filters and directives using angularJS framework also using Node.js and Express.js
- Utilized functional JavaScript and DOM structure to implement various functionalities.
- Working with Ruby gems and mongoDB adapters.
- Created Restful http services to Interact with UI(angularjs) .
- Giving maintenance to the solution components for other projects.

Environment: Ruby 2, Rails 3/4, Amazon S3, Unicorn, MongoDB, RSpec, Cucumber, HTML, AJAX, Git, Capistrano, JavaScript, JQuery, XML, angular.js, Node.js and Express.js.

San José, Costa Rica
Jan 2017 - May 2018

Mid. Software Engineer

Geeks Technologies

- Good understanding of the syntax of the Ruby language Knowledge of RoR and libraries (Resque or RSpec) Knowledge of OOP
- Front-end technologies such as JavaScript, HTML5, and CSS3 Familiarity with automated testing, continuous integration Experience in handling and developing APIs
- Knowledge of Mocking, MVC, RESTful
- Ability to integrate multiple data sources and databases into one system Knowledge of basic design principles for an app
- Skilled at code versioning tools such as Git.
- Enthusiasm for emerging technologies and methods
- Pragmatism, reliability, and curiosity
- Excellent written and spoken communication skills

Environment: Ruby 2, Rails 4, XML, Action Script, AJAX, Java Script, JSON, XML, XSL, Linux, SOAP, SQL Server, Shell Script/Unix, Web Sphere, CSS, react

Boston, USA
Jan 2016 - Jan 2017

Jr. Web Developer

FoundationLab LLC

- Assisting the web development team with all aspects of website.
- Assisting with the testing and maintenance of backend and front-end applications.
- Brainstorming new tech applications such as digital storage and mobile technology.
- Collaborating with developers to implement new web features.
- Keeping up-to-date with the latest technology and programming trends.
- Using user feedback to identify and correct problems with a client's website.

Environment: Ruby 2, Rails 3/4, XML, Action Script, AJAX, Java Script, JSON, Linux, SQL Server, Shell Script/Unix, Web postgresql, CSS, Git

Education

Heredia, Costa Rica
Feb 2014 - Dec 2017

Bachelor's Degree: Systems Engineering

Universidad Nacional De Costa Rica(UNA)

Soft Skills

Good Communication Skills/Teamwork | Flexibility/Adaptability | Problem-Solving | Work Ethic | Leadership | Creativity | Time Management | Collaboration | Continuous Learning | Professionalism

Languages

English
Advanced

Spanish
Native

Certifications & Courses

- 6th edition OWASP Latam Tour (04/2017 - 04/2017)

Assistant 6th edition for OWASP latam tour

- 1st edition Rails Girls CR (10/2017 - 10/2017)

Logistics, development and being a mentor.

Tech Skills

Back-End Technologies:

- Go, Python, Node.js, Ruby, Ruby on Rails, Express.js, Django
- Database Management (PostgreSQL, MySQL, MongoDB, Oracle, Microsoft SQL Server, SQLite, MariaDB, Cassandra, Redis)
- API Development and Integration (REST, GraphQL)

Front-End Technologies:

- Angular.js, React.js, Vue.js, Ember.js
- Web Development (HTML, CSS, SASS, LESS, JavaScript, TypeScript, Tailwind CSS)
- Responsive Design and UI/UX Principles

Agile Methodologies: Scrum, Kanban

QA: Manual Testing, Automation (Cypress.js, Cucumber)

Database Management: PostgreSQL, MySQL, MongoDB, Oracle, Microsoft SQL Server, SQLite, MariaDB, Cassandra, Redis

DevOps:

Version Control: Git

Cloud Platforms: AWS, GCP, Azure

CI/CD: Jenkins, Travis CI, CircleCI, GitHub Actions

Containerization and Orchestration: Docker, Kubernetes

Infrastructure as Code (IaC): Terraform

Logging and Analytics: Grafana, New Relic, Datadog

Collaboration Tools: Slack, Jira, Microsoft Teams, Zoom, Trello