

ONIEL SANTOS

SOFTWARE ENGINEER

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PROFILE

Software Engineer with over 5 years of experience in fullstack development, working with Node.js, Nest.js, React.js, Next.js, TypeScript, JavaScript, AWS, and Docker. I've created solutions for industries like healthcare, business administration, small businesses and more.

I like building solid, well-structured applications and working with teams to solve real challenges. I'm easy to work with, open to feedback, and always looking for ways to improve while helping others do the same.

WORK EXPERIENCE

Thryv

Senior Software Engineer

USA (Remote)

Dec 2024 - Present

Summary: Thryv helps small businesses manage customers, simplify operations, and grow online with an all-in-one platform.

- Built a subscription management system with Nodejs and Expressjs to process refunds, integrating with third-party services and supporting operations in 6 countries.
- Developed Reactjs and Typescript components for users with specific roles, enabling access and actions based on their permissions.
- Deployed a Redis server using Docker, making data access faster and improving system efficiency for 55.000 small businesses worldwide.
- Updated the MySQL database schema by creating new tables and adding migrations to ensure proper functionality in production.

Techstack: Node, Express, React, Typescript, Javascript, Tailwind, Redis, Docker, MySQL, Amazon Web Services, Git, Gitlab, Jira, Scrum, Agile.

Vertrical

Software Engineer

United States (Remote)

Jan 2023 - Nov 2024

Summary: Vertrical assists digital health companies in developing scalable and compliant software solutions for global markets.

- Built a microservices platform with Node, Nest, and TypeScript, enabling multi-tenancy and various business solutions, reducing processing time from 15 seconds to under 1 second.
- Developed a microfrontend infrastructure with Next and React, assembling projects based on client needs for over 10,000 customers.
- Implemented AWS S3, SES, and authentication services, improving security and scalability for cloud storage and communication.
- Deployed microservices on Docker servers with a gateway connecting them through Kafka, making the system more efficient and reliable.

Techstack: Node, Nest, React 18, Next, Typescript, Javascript, Styled Components, Kafka, PostgreSQL, Amazon Web Services, AWS S3, AWS SES, AWS IAM, Docker, Rest APIs, CyberSource, Sanity, Jest, Git, Github, Scrum, Agile.

Intellisys D. Corp.
Software Developer

Dominican Republic (Remote)
Apr 2020 - Dec 2022

Summary: Intellisys develops custom software solutions and helps businesses implement digital strategies, focusing on web, mobile, and enterprise applications.

- Developed a secure API with Nest, Node and TypeScript for a vaccination management system, handling records and appointments for over 10 million citizens.
- Built backoffice dashboards with React and Javascript for government access and administration of vaccination data, improving data management and decision-making.
- Created GitHub Actions pipelines for deploying applications with Docker, automating the deployment process.
- Implemented Elasticsearch to index records and citizen data, reducing search time from 10 seconds to under 500 microseconds.

Techstack: Node, Nest, React, Typescript, Javascript, Material UI, CSS, Stripe, Strapi, GitHub Actions, Docker, Postgres, MongoDB, Elasticsearch, Jest, Git, Github, Scrum, Agile.

STACK & SKILLS

Development: Node, Express, Nest, React, Next, TypeScript, JavaScript, CSS, Tailwind, Material UI, Styled Components, Kafka, Rest APIs.

Databases: MySQL, Postgres, MongoDB.

Additional tools: Docker, Git, GitHub Actions, Gitlab, Jira, Stripe, CyberSource, Sanity, Strapi, Redis, Elasticsearch, Jest.

Cloud technologies: Amazon Web Services, AWS S3, AWS SES, AWS IAM, AWS EC2, AWS RDS, AWS DynamoDB

EDUCATION

Cincinnatus Institute of Craftsmanship, Dominican Republic
Software Craftsman's Apprentice

LANGUAGES

English: Highly proficient

Spanish: Native