CARLOS ESPINOSA

Sr. Full Stack Developer

📞 Phone   @ Email   🔗 LinkedIn/Portfolio   📍 Mexico city, Mexico

SUMMARY

I am a fullstack developer and I love what I do. I have such a good experience in Python, FastAPI, Django, C#, Asp.Net, JavaScript, TypeScript, React.js, Vue.js, Node.js and SQL/NoSQL DB management. My 7-year career includes a lot of important roles - from scalable app design challenges in production engineering teams to launching cutting-edge applications for startups. I've been trying to get both of tech skills and soft skills, and my key features are teamwork and problem-solving capabilities. I'm confident that my skills and experience would align well with your project's needs, and I'm excited about the opportunity to bring your idea to life.

EXPERIENCE

Full Stack Web Developer

Elevance Health

📅 08/2022 - 10/2024   📍 Indianapolis, Indiana US

Developed a microservice-based system capable of detecting gunshots in specific areas and triggering law enforcement dispatch.

- Designed and launched a Laravel/Angular.js dashboard to provide statistical insights, including the number of detected incidents per zone and verified gunshot cases.
- Built API interfaces to facilitate service communication, leveraging serializers, mixins, and custom middleware for efficiency.
- Created a middleware and published it as a module to handle authentication and authorization; increased API call efficiency by 10% and reduced latency by 30%.
- Wrote the database layer that can access several types of databases with Django ORM/PostgreSQL and caching strategies using Redis; improved stability and reduced DB querying performance by 20% by optimizing SQL queries.
- Built the gateway service which deliver, and aggregates the 3M row of data per hour from RabbitMQ to AWS S3 in parquet format to extract meaningful datasets.
- Collaborated with cross-functional team such as product manager, database engineers, QA engineers, and other developers to deliver features according to specifications and deadlines.

Intern and Junior Web Developer

Divalia S.A. de C.V.

📅 04/2020 - 07/2022   📍 San Cristóbal de las Casas, Chis., Mexico

Developed and mentored on multiple projects built with React/Next.js, ASP.NET and Node.js, optimizing logistics and secure file management.

- Built an automated testing framework to enhance the pick-and-pack process in a third-party logistics warehouse.
- Designed and maintained data-driven reports, extracting and presenting key insights from databases.
- Led a development team, overseeing project organization, nightly code merges, and deployments.
- Integrated multiple third-party systems, enabling seamless data exchange.
- Engineered a secure file-sharing platform for the legal industry, integrating AWS S3 pre-signed URLs and enforcing strict authorization rules for controlled access.
- Performed code and architectural reviews, ensuring best practices across ASP.NET, Node.js, JavaScript, AWS S3, and PostgreSQL.

EDUCATION

Bachelor of Computer Applications, Computer engineering

Universidad de Ciencias y Artes de Chiapas

📅 04/2017 - 07/2021

LANGUAGES

Spanish
Native
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English
Proficient
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SKILLS

Languages

JavaScript, TypeScript, Python, C#, Rust, Solidity, Go

SKILLS

Frameworks

React/Next.js, Vue.js, Django, FastAPI, Node.js, Express.js, Nest.js, ASP.NET

Services

RESTful API Development, GraphQL API Development, RabbitMQ, Kafka, Git, Jira, Serverless, Supabase, Firebase

Databases

PostgreSQL, MySQL, MongoDB, DynamoDB, Redis, ElasticSearch, , ,

DevOps

Docker, Kubernetes, Linux Administration, Apache/Nginx Configuration, AWS Elastic Beanstalk, AWS Load Balancing, AWS API Gateway, AWS RDS, AWS Route53, AWS Route66, AWS CloudFront, AWS Lambda, AWS EC2, AWS S3, AWS Amplify, AWS DynamoDB, AWS CloudWatch, AWS Cloud Formation, AWS ECS, AWS EKS, AWS VPC, GCP, CI/CD Pipelines, CircleCI

Frameworks

React/Next.js, Vue.js, Django, FastAPI, Node.js, Express.js, Nest.js, ASP.NET