Angel Aray
Principal Software Engineer

Angel Aray

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Profile

Hands on problem solver. Highly motivated and results-oriented Principal Software Engineer with 20+ years of experience in designing, developing, and deploying elegant, maintainable, and scalable software solutions.

Proven track record of leading high-performing engineering teams, driving innovation, and delivering impactful projects.

Leadership Skills

- Team Leadership
- Mentoring & Coaching
- Technical Problem Solving
- Project Management
- Communication

Technical Skills

- Java, Kotlin, Hibernate, Spring Boot, Kafka

- Kubernetes, AWS, Azure, Docker

- JavaScript/TypeScript, React JS, NextJS, NestJS

- Ansible, Terraform, Pulumi

- Jenkins, GitHub, Gitlab

- React Native

- Postgresql

- gRPC, GraphQl, OpenAPI

Education.

Manchester University / BSc Computer Science
OCT 1993 - JUN 1996, Manchester, UK..

Language Skills

- English. Fluent (IELTS C1)
- French. Advanced. (DELF B2).
- Spanish. Native Proficiency.
- German - Beginner

Experience

Foobar Agency / Senior Software Engineer and Consultant

OCT 2023 - DEC -2024, Munich/Germany
STIHL

- Lead the initiative of migrating the fleet management microservices from Azure AppServices into Kubernetes (AKS).

- Build a set of modular, maintainable, clean code and scalable microservices , enabling real-time monitoring and optimization of tool fleets.

- Employed gRPC for efficient, language-agnostic communication between microservices, ensuring minimal latency and high performance.

- Implemented event-driven architecture with Kafka, facilitating seamless data flow, event sourcing, and real-time data processing for critical fleet operations.

- Collaborated closely with cross-functional teams to gather requirements, perform system analysis, and deliver solutions that aligned with both technical and business objectives.

Foobar Agency / Senior Software Engineer and Consultant

NOV 2021 - JUL - 2022 , Munich/Germany
HUK AutoService

- Designed and developed backend services using Spring Boot and Kotlin, ensuring efficiency, maintainability, and rapid development.
- Integrated Apache Kafka for event-driven architecture, enabling real-time data processing, event sourcing, and seamless communication between services.
- Utilized PostgreSQL to design and manage data storage solutions, optimizing database performance and ensuring data integrity.
- Implemented distributed tracing mechanisms (e.g., OpenTelemetry, Zipkin) to monitor and trace requests across microservices, enhancing visibility into system performance.
- Contributed to the development of RESTful APIs, ensuring secure and efficient communication between frontend and backend components.

Movil5 S.A/ Principal Engineer

OCT 2014 - OCT - 2021, Caracas/Venezuela

- Led a team of 15 engineers in the design, development, and deployment of a tmatiks.com enabling Andromeda Ventures to deliver new digital products, modernizing their tech stack and at the same time integrating with their legacy services.
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- Defined and implemented the software architecture for the project, ensuring scalability, performance, and maintainability.
- Mentored and coached junior engineers, fostering their growth and development.
- Collaborated with cross-functional teams (product, design, QA) to ensure successful project delivery.
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- Build Welcome to Rocha a business directory service mobile app for the Rocha municipality in Uruguay. Using a combination of React Native, Postgresql and NodeJS.

Conectium Limited / CTO

FEB 2000 - SEP 2014, Caracas Venezuela

- As a founding member of the company, It was my responsibility to create, manage and grow the IT team.
- Design, Development, and Implementation of Conectium Wireless Platform which covers a wide range of technologies such as SMS, WAP, Voice Recognition, Text.
- Operations of Mobile Value-added services over 9 carriers in the LATAM region.

Telcel - Bellsouth/ Tech Lead

NOV 1998- FEB 2000, Caracas Venezuela.

As a Tech Lead, I was in charge of a five-person development team responsible for the implementation/integration of new services and reengineering current services to accommodate the needs of the growing ISP.

- Designed and Implementation of T-Net Web Hosting services.
- Designed and Implemented the T-Net Provisioning System.
- Designed and Implemented T-Net Prepaid Internet Services.
- Implementation of mipunto.com's e-payment services.
- Designed and Implemented T-Mon, T-Net's Network Monitoring and System