Alan Michelin

Full Stack Engineer

.NET | Node.js | React | TypeScript | SQL

Contact

Mail: alangmichelin@gmail.com
Phone: +39 3514514013
Location: Turin, Italy
Linkedin: linkedin.com/alan-michelin

Professional Summary

Full Stack Engineer with 4+ years of experience building high-performance web applications in **React, TypeScript, Node.js, and .NET**. Specialized in developing modern, responsive UIs with Material UI and scalable microservices on Azure. Passionate about combining **AI-driven development tools** and clean architecture principles to deliver robust, maintainable, and user-centric solutions that accelerate business growth

Skills

Frontend: React, TypeScript, Material UI, Responsive Design, Performance Optimization, Component Libraries

Backend: Node.js, Express, .NET 6/8, REST APIs, Microservices, CI/CD

Cloud & DevOps: Azure (Functions, Service Bus, Blob Storage), Firebase, Prisma, GitHub Actions

AI & Productivity: Cursor AI, GitHub Copilot, ChatGPT, AI-assisted code refactoring and testing automation

Databases: PostgreSQL, SQL Server, Firebase, BigQuery

Practices: Agile/Scrum, SOLID, System Scalability

Experience

GeNova *(May 2025 - Present)*

Full Stack Engineer - React, TypeScript, Node.js, Express, PostgreSQL, Prisma

- Development of a secure web platform managing a **database of over 50,000 registered users**, enabling large-scale digital participation and data collection.
- Architected and implemented a **custom voting system** with eligibility validation, session tracking, and real-time result aggregation.
- Built an **interactive analytics dashboard** to visualize participation data and key indicators (support levels, abstentions, trends) for decision-makers.
- Optimized PostgreSQL queries and data models, improving response times by **60%** on high-load endpoints.
- Delivered entire product lifecycle from frontend UX/UI in **React + TypeScript** to backend services in **Node.js + Prisma ORM** ensuring scalability, maintainability, and secure data handling.

PayRetailers *(Jun 2022 - Aug 2025)*

Full stack Engineer - React, TypeScript, Material UI, C#, .NET 6/8, Node.js, Azure, SQL Server, PostgreSQL

- **Led the end-to-end development of the "New Balance Frontend"**, architecting a **React + TypeScript + Material UI** interface from scratch, integrated with backend APIs and Azure services.
- Collaborated with UX/UI and finance teams to deliver an intuitive, responsive experience that improved internal workflow efficiency.
- Implemented **component-based design systems** improving consistency and reusability across modules.
- Utilized **AI-assisted tools (Cursor AI, GitHub Copilot)** to accelerate feature delivery and enhance code quality, reducing review cycles by **30%**.
- Migrated backend systems to a **message-driven architecture**, cutting execution time from **7 minutes to 10 seconds**.
- Designed CI/CD pipelines and integrated Azure Functions, Service Bus, and Blob Storage.
- Mentored junior developers
- Increasing code coverage from **40% to 80%** in backend projects, and fostered adoption of AI-enhanced development workflows.

F**reelance** *(Mar 2022 - Jun 2022)*

Full Stack engineer (Node.js | Express | React | TypeScript| Firebase)

- Delivered multiple web apps for clients in entertainment and media sectors, focusing on scalability and UX.
- Built Jukeourbano.com, a responsive music voting/news platform with real-time interaction and admin dashboard.
- Delivered secure authentication, data processing workflows, and integrated Firebase/BigQuery analytics.

Epidata *(Nov 2021 - May 2022)*

Backend developer (Esb Mulesoft, Sql)

- API development with MuleSoft ESB
- SQL database management (stored procedures, scripts execution, triggers)

Globant *(Mar 2021 - Nov 2021)*

App support / HelpDesk L1

- SQL queries writing and excecution
- User management on Jenkins, Slack, Jira and Salesforce
- Application maitenance
- Critical tickets follow up and scaling

Education

ORT (Argentina) - System Analyst (Associate Degree) **Completed.**

Languages

Spanish - *Native*
English - *Advanced (C1)*
Italian - *Intermediate (B1)*