

JUAN JOSÉ BARRIOS SCHALLMOSER

BACKEND & CLOUD DEVELOPER

[Linkedin](#) - [Github](#) - [Mail](#)

Software Development student focused on Backend development and Cloud Computing. I have hands-on experience building full-stack applications with Node.js, serverless deployments on Firebase and Vercel, secure authentication, CI/CD pipelines, and SQL/NoSQL database management. Passionate about cloud infrastructure, process automation, and optimizing scalable applications.

WORK EXPERIENCE

Backend & Database Development Intern | Underc0de

Remote | Sept 2024 - Dic 2024

- Developed REST APIs using Node.js and PostgreSQL, managing schemas and complex queries.
- Implemented authentication and basic security protocols for user registration.
- Automated notifications and performed input data validation to ensure data integrity.

EDUCATION

Higher Technical Degree in Software Development

- Instituto de Formación Técnica N° 29 | Feb 2024 – July 2026 (Expected)

TECHNICAL PROJECTS

GoMove (SaaS) (gomove.com.ar)

Nov 2025 - Ene 2026

- Engineered and deployed a serverless SaaS application utilizing Firebase (Firestore/Realtime DB) and Vercel for hosting and cloud functions.
- Configured robust Firestore security rules and Firebase Auth integration to ensure the protection of user data.
- Streamlined deployment workflows by implementing Continuous Deployment (CD), connecting GitHub to Vercel for automated updates on every commit.
- Executed performance monitoring and stability adjustments to optimize application load times and reliability.

Frontend Development | Ghoster (ghoster.com.ar)

Oct 2025 - Nov 2025

- Executed full DNS and custom domain (.com.ar) configuration to ensure proper propagation and accessibility.
- Optimized application performance by monitoring Core Web Vitals and improving response times.
- Developed the frontend using a React + TypeScript stack, enhancing long-term project maintainability.

Web Developer | Nippon VapeShop

Feb 2024 - Jun 2024

- Customized a web platform using WordPress and WooCommerce.
- Implemented custom designs and features using HTML, CSS, and JavaScript.
- Handled periodic maintenance, software updates, and troubleshooting for continuous uptime

PROYECTS

Android Academic Project – Kotlin + SQLite

- Developed a mobile application for sports club membership management.
 - Implemented core features including secure login, member registration, payment processing, and digital ID card issuance.
 - Streamlined data management with member listings, fee expiration tracking, and automated PDF report generation.
 - Architected a local data storage solution using SQLite and ensured a responsive design for an optimal mobile user experience.
 - Collaborated in an Agile environment using Scrum methodology, utilizing Git and GitHub for version control and team coordination.
- Project Link: <https://github.com/SchallmoserJuan/ClubDeportivoApp/>

Club Management System – C# + WForms + SQL

- Collaborated in a team to develop a management system using C# with Windows Forms and SQL Server.
- Implemented user authentication and optimized database connectivity through the use of stored procedures.
- Streamlined club administration by automating payment management, membership card generation, and registration processes.
- Enhanced software stability and user experience by applying robust try-catch error handling protocols.
- Documented system logic via flowcharts and authored a comprehensive user manual for effective implementation.

CERTIFICATIONS & COURSES

- . Cloud Developer Associate | AWS Academy - (in progress)
- . Cloud Practitioner | AWS Academy
- . React | Scrimba
- . Typescript | Scrimba
- . C# | Microsoft Learning
- . C# | FreeCodeCamp
- . .NET | Microsoft

TECHNICAL SKILLS

- . Infrastructure & Cloud:
 - AWS: Cloud Practitioner. IAM, VPC & Cloud Security.
 - DevOps & Tools: Git, GitHub, Vercel (CI/CD Pipelines), Postman, Linux.
 - Networking & Deployment: DNS Management, Custom Domains, Hosting, HTTP/HTTPS.
- . Backend & Databases:
 - Languages: C#, Java, Python, SQL, Node.js, TypeScript.
 - Databases: SQL Server, PostgreSQL, MySQL, Firebase (Firestore/Realtime DB).
 - APIs: RESTful API design and consumption.
- . Frontend:
 - React.js, TypeScript, Vite.

LANGUAGES

- Spanish: Native
- English: B2
- Portuguese: B1