



Jose Pereira

Software Engineer

React • TypeScript • Next.js • AWS

Location: Hamburg, Germany

Email: jpgereira355@gmail.com

LinkedIn: [linkedin.com/in/josepereira0](https://www.linkedin.com/in/josepereira0)

Phone: +49 176 30410356

GitHub: github.com/jlpereira8

Portfolio: josepereira.dev

Professional Profile

Software Engineer with a frontend focus and ~3 years of experience building scalable React and TypeScript applications, integrating 120+ REST/GraphQL API endpoints, and building cloud-backed applications on AWS. M.Sc. in Data Science with hands-on experience in machine learning and data analysis. Passionate about building scalable, user-focused products with clean architecture and data-driven solutions.

Work experience

Frontend Development Specialist | [Sixsense Labs \(SLYDE Platform\)](#) | Jul 2024 - Present | Bethesda, United States (Remote)

- Delivered 60+ production features across 25+ product modules, contributing through 200+ pull requests for a large-scale React + TypeScript healthcare SaaS platform.
- Developed and maintained 300+ React components, integrating 120+ REST/GraphQL API endpoints across authentication, healthcare workflows, analytics, scheduling, e-commerce, and AI assistant features.
- Reduced First Load JS by 78–82% on key Next.js routes by replacing a 42 MB statically bundled dataset with on-demand cached loading, while cutting total static chunk size by 64%.
- Integrated AWS services including Amplify, Cognito, Lambda, API Gateway, DynamoDB, and S3 to build scalable authentication, storage, and backend integrations.
- Owned features end-to-end, from technical design and implementation to testing, deployment, production support, and continuous maintenance within agile development teams.

Frontend Development Intern | [Sixsense Labs \(SLYDE App\)](#) | Jan 2024 - Jun 2024 | Bethesda, United States (Remote)

- Delivered production iOS and Android healthcare apps for the App Store and Google Play, modernizing 3 native modules for Expo's New Architecture.
- Engineered secure IoT communication across 2 BLE GATT services using HMAC-SHA256, MQTT/AppSync, CRC32 file transfers, and multi-device reconnection.
- Integrated 14 REST endpoints and 4 GraphQL operations across 23 screens, supporting Cognito authentication, QR configuration, and 16 HealthKit workflows.

Leadership & Activities (additional responsibility)

Intern Recruitment Coordinator | Jul 2024 – Present (remote)

- Led the internship recruitment process by interviewing 20+ software engineering candidates and supporting technical evaluations and hiring decisions.
- Successfully onboarded and mentored 5 software engineering interns, introducing the codebase, development workflows, code reviews, and agile sprint practices.

Education & Training

M.Sc. Data Science | University of Europe for Applied Sciences (UE) | 01/03/2025 – 11/03/2026 | Berlin, Germany

Field of study Software and applications development and analysis, Inter-disciplinary programmes and qualifications involving Information and Communication Technologies (ICTs) | **Level in EQF** 7

B.Sc. Computer Systems Engineer | Central American Technological University (UNITEC) | 17/07/2017 - 10/09/2024 | Tegucigalpa, Honduras

Field of study Software and applications development and analysis, Database and network design and administration | **Level in EQF** 6

Projects

ECommerce Platform (Next.js, TypeScript, Tailwind) - github.com/jlpereira8/eCommerceApp

- Built a production-style e-commerce storefront with Next.js, TypeScript, and Tailwind, implementing product browsing, cart, wishlist, and checkout.
- Engineered a reusable design system with dark mode, accessible UI components, product search, page transitions, and SEO optimizations.

Crypto Dashboard (Next.js, React Query, Nivo/ApexCharts) - github.com/jlpereira8/crypto-dashboard

- Built a crypto portfolio dashboard with Next.js, TypeScript, React Query, and Tailwind CSS, consuming real-time market data through a scalable API layer with caching and error handling.
- Designed reusable chart components, portfolio insights, market exploration, and exchange tools, focusing on responsive UX, performance optimization, and maintainable frontend architecture.

FlowBoard (Next.js, Prisma, PostgreSQL, React Query) - github.com/jlpereira8/flowboard

- Built a collaborative project management platform with Next.js, TypeScript, Prisma, PostgreSQL, and React Query, implementing workspaces, Kanban boards, projects, tasks, and authentication.
- Designed a scalable SaaS architecture with reusable UI components, drag-and-drop workflows, relational data modeling, and responsive dashboards focused on performance and maintainability.

Technical Skills

Frontend:

- JavaScript, TypeScript, React, Next.js, HTML5, CSS, Tailwind

APIs & Data:

- REST/JSON, GraphQL, OAuth/JWT (Cognito)

Tooling & CI/CD:

- Git, GitHub, GitHub Actions

Cloud:

- AWS (Amplify, Cognito, Lambda, API Gateway, DynamoDB, S3)

Backend:

- Node.js

Design & Prototyping:

- Figma, UI/UX design, reusable components, component-driven design, responsive

Language:

- Spanish (Native), English (C1 – Fluent), Portuguese (B1), German (B1 – actively improving with private intensive classes)

Interests:

- Fitness, swimming, photography, technology trends

Certificates

AWS Academy Data Engineering (2026)

- Data pipelines and ETL concepts using AWS services (6-month program).

AWS Academy Cloud Foundations (2026)

- Core AWS services, cloud architecture basics, security/IAM, and pricing fundamentals.

AWS Academy Graduate – Cloud Web Application Builder (Training Badge) (2026)

- Built and deployed a cloud web application following AWS best practices (networking, security, deployment).

Figma UI/UX Design Fundamentals (2025)

- Designed responsive interfaces and reusable design systems in Figma.