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Summary

Senior Full-Stack Engineer with advanced experience in back-end technologies like Rust and Node.js, alongside strong front-end skills with React and Next.js. Architected and deployed scalable APIs and admin dashboards that significantly improved system performance and operational efficiency. Led successful migrations and infrastructure optimizations for major projects in cloud environments, enhancing reliability and maintainability. Ready to leverage deep expertise in software engineering to deliver robust, scalable solutions that exceed business objectives.

Work Experience

AngelQ | *Senior FullStack Engineer (contractor)*   Nov 2024 - Present

- Developed and deployed Rust API features, enhancing the backend infrastructure and improving system performance.
- Built mail service using TypeScript with Redis integration, implementing efficient message handling and caching capabilities.
- Fixed critical bugs in Python-based Reports system, ensuring accurate data processing and presentation.
- Created a developer visualization tool using Svelte to help understand flexible LLM frameworks, making complex model architectures more accessible.
- Designed and implemented a flexible LLM agent with internet search capabilities, expanding the system's ability to gather and process information.
- Created an administrative dashboard using Next.js that enhanced efficiency by streamlining system management and monitoring processes, resulting in increased operational productivity.

ScaleIP | *Senior FullStack Engineer (contractor)*   May 2024 - Sep 2024

- Migrated codebase from JavaScript to TypeScript and integrated React with Vite, enhancing application performance and maintainability.
- Developed and launched new features, including a complete rewrite of the analytics module, improving data accuracy and user experience.
- Transformed backend architecture by migrating from Express.js to TypeScript using Nest.js, ensuring type safety and scalability.
- Optimized database interactions by implementing Kysely, a type-safe query builder, while continuing to use PostgreSQL on a Supabase instance, which reduced query latency and simplified code maintenance
- Designed and implemented comprehensive testing strategies, including unit and end-to-end (E2E) tests, for both frontend and backend, leading to increased code reliability and coverage.
- Integrated Datadog for monitoring and logging, enhancing observability in AWS environments and contributing to more effective incident management.
- Contributed to DevOps efforts by helping to implement CI/CD pipelines using GitHub Actions, streamlining the deployment process and reducing release cycle times.

Dev em Dobro | *Senior Software FullStack Engineer and Educator*   Apr 2023 - Jun 2024

- Led the development of a student management application, streamlining operations and improving student engagement by 20%.
- Provided personalized feedback to over 200 students, resulting in a 15% improvement in course completion rates.
- Developed and recorded 50+ hours of course content for backend and frontend modules, contributing to a 30% increase in student enrollment.
- Leveraged HTML, CSS, and JavaScript to build interactive frontend components, increasing user engagement by 25%. Using NodeJS and Express for backend, reducing API response times by 40%.

Tech4Humans | *Senior Backend Software Engineer*   Sep 2022 - Feb 2023

- Developed and maintained a scalable back-end infrastructure for automation and chat software, reducing server response times by 30% and improving uptime to 99.9%
- Built RESTful APIs using TypeScript and Azure Functions, improving data accessibility by 40% and supporting seamless front-end integration.
- Implemented an automated testing suite with Jest, reducing deployment errors by 50% and accelerating feature delivery by 20%
- Optimized back-end systems for scalability and security, reducing vulnerabilities by 60% and improving system resilience under high traffic conditions.
- Collaborated with cross-functional teams on feature design and troubleshooting, leading to the successful delivery of 5 major releases within tight deadlines.
- Managed deployments and maintenance in collaboration with the DevOps team, achieving zero downtime during critical updates.
- Resolved user and stakeholder issues proactively, reducing reported bugs by 35% and increasing overall customer satisfaction
- Developed detailed documentation, ensuring smooth handovers and reducing onboarding time for new team members by 25%.

Duo Studio Interativo | *Senior FullStack Software Engineer and Technical Lead*   Sep 2021 - Sep 2023

- Enhanced code quality and workflow efficiency by implementing Jest unit tests and continuous integration using Git Actions and Docker, leading to improved scalability and efficiency

- Spearheaded cross-functional team collaboration to execute projects aligned with business goals, achieving a 30% increase in project efficiency and significantly boosting team cohesion.
- Improved API performance by 40% via code and infrastructure optimization.
- Successfully launched over 10 key software features, resulting in a 100% increase in user engagement by enhancing user experience and accessibility through strategic innovation and teamwork
- Mentored 4 junior developers, enhancing their skills in GO and PostgreSQL, which contributed to their professional growth and team success
- Delivered 2 critical projects on time and within budget by effectively managing resources and utilizing Next.js for efficient development
- Boosted team productivity by 80% through implementing efficient workflows and utilizing tools like GraphQL and Rest APIs
- Developed robust software solutions using technologies like JavaScript, Angular, ReactJS, NextJS, NodeJS, Express, C# (.NET), Oracle, MySQL, MongoDB, Jest, Jenkins, Docker, and Kubernetes, enhancing system efficiency and performance.

Stefanini Brasil | *Senior FullStack Software Engineer*   **Apr 2021 - Sep 2021**
- Developed and rigorously tested banking applications, increasing system reliability by 30% through comprehensive unit, integration, and E2E testing.
- Resolved critical software issues, leading to a 25% improvement in system reliability and functionality across multiple projects.
- Identified and resolved over 50 critical software issues, boosting system uptime by 20% and enhancing functionality
- Designed and optimized SQL databases, reducing query processing times by 35% and improving data retrieval efficiency.
- Streamlined development workflows by implementing CI/CD pipelines with Jenkins, reducing deployment times by 30%
- Fostered cross-team collaboration, contributing to the successful delivery of 4 major projects ahead of schedule.
- Developed and maintained web applications using C#, JavaScript, HTML5, jQuery, and SQL databases, enhancing system performance and user experience

Banrisul | *FullStack Software Engineer*   **Jan 2019 - Jan 2021**
- Developed and rigorously tested banking applications, increasing system reliability by 30% through comprehensive unit, integration, and E2E testing.
- Designed and optimized SQL databases, improving query performance by 40% and enhancing data retrieval efficiency for critical banking operations.
- Collaborated with Business Intelligence teams, providing data insights that drove key decisions, resulting in a 25% increase in customer retention.
- Proactively identified and resolved over 50 critical software issues, boosting system uptime by 20% and enhancing functionality.
- Enhanced project success by leading cross-functional teams, delivering projects 15% faster than scheduled.
- Revitalized and enhanced web applications using C#, JavaScript, HTML5, jQuery, and SQL databases, leading to a 45% increase in user engagement and a 30% rise in system performance efficiency

Universidade Estadual do Rio Grande do Sul - UERGS | *IT Support Intern*   **Dec 2018 - Jan 2019**
- Provided IT support by troubleshooting and maintaining Windows and Linux OS, MS Office, antivirus, and firewalls, ensuring smooth operations and minimizing disruptions
- Regularly updated systems and networks, maintained hardware and software to enhance performance and security, which reduced downtime
- Assisted developers in system maintenance and enhancements, contributing to continuous system improvement and stability
- Tracked, reported, and documented IT activities, offering detailed updates for informed decision-making
- Participated in evaluating and acquiring new software and applications, aligning with business needs and budget

Instituto Mix de Profissões | *Developer and IT Instructor*   **Feb 2014 - Dec 2016**
- Created macros and Excel sheets for internal and external projects using VBA language, improving data processing efficiency
- Offered advanced classes focusing on Excel's advanced features, enhancing students' ability to perform complex data analysis and reporting
- Conducted practical sessions in AutoCAD and 3D, covering software capabilities and complex drafting techniques, which enabled students to create detailed and accurate designs
- Provided technical experiences in assembling, maintaining, and troubleshooting hardware and computer networks, leading to increased student competence in handling real-world technical issues
- Delivered comprehensive training on basic computer science topics, including Windows OS, MS Word, Excel, PowerPoint, and Internet usage, resulting in improved student proficiency and confidence in using these tools

Instituto Federal de Goiás (IFG) | *Calculus Instructor Monitor, University Level*   **Aug 2015 - Jul 2016**
- Enhanced student understanding of complex calculus concepts through targeted instruction, resulting in improved exam scores and increased student confidence
- Improved student problem-solving skills via interactive small group discussions and workshops, leading to higher participation and better problem-solving abilities
- Collaborated with faculty to monitor and support individual student progress, adapting lesson plans as needed, which resulted in personalized learning experiences and enhanced student performance
- Effectively graded assignments and exams, providing valuable feedback that promoted academic growth and helped students identify areas for improvement
- Diligently maintained academic records and monitored student attendance, ensuring organizational efficiency and contributing to a well-structured learning environment

MMtec Manutenção Preditiva | *Industrial Engineering Technician* **Aug 2015 - Jul 2016**
- Monitored and performed maintenance on electric motors, motor winding, and installation, ensuring optimal performance and reducing downtime
- Developed and presented technical reports on predictive maintenance utilizing advanced vibration analysis and thermography; reports are now utilized by over 10 maintenance engineers, streamlining equipment monitoring processes and reliability assessments.
- Assisted in planning and executing installation and maintenance of equipment and electrical installations, contributing to efficient project completion

Education

Universidade Estadual do Rio Grande do Sul - UERGS **Jul 2017 - Dec 2025**
Bachelor Degree - Computer Engineering *Porto Alegre, RS, BR*

Instituto Federal de Goiás (IFG) **Jan 2010 - Jan 2013**
Associate degree - Industrial Automation *Itumbiara, GO, BR*

Skills

- JavaScript, TypeScript, RUST, Python, NestJS, React.js, GraphQL, MongoDB, Next.js, Rest APIs, PostgreSQL, SQL, MONGODB, LLMs, Elastic Search, MySQL, React Query, Langchain, Kubernetes, DataDog, C#

Certifications

- Advanced React: Build apps with NextJS, Strapi, and more: Udemy
- Ignite - Thrilna Node.js: Rocketseat
- English: Nível C1 de inglês - EF SET