

Rodrigo Contreras Benz

Software Development Lead · Full Stack Developer

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PROFESSIONAL SUMMARY

Software development lead and full stack developer with 20+ years of experience building web and mobile products for banks, companies, media outlets, universities and public institutions. Co-founder and development lead of MyComuApp. Hands-on with Node.js, NestJS, .NET, Java EE, Spring, PHP and Flutter, plus AI service integration and agile team leadership (Scrum, Kanban). IT project management diploma (PMP-aligned) and teaching experience in bootcamps and higher education.

TECHNICAL SKILLS

Programming languages	Java, PHP, JavaScript, TypeScript, C#, Dart, Python, SQL, Swift
Backend	Node.js, NestJS, .NET, Java EE, Spring MVC, Struts 2, CodeIgniter, REST APIs, OpenAPI
Data & AI	Data analysis, AI service integration, Document management
Frontend & mobile	React, Angular, Flutter, Vue.js, jQuery, HTML5, CSS3, Bootstrap, Android, iOS
Databases	Oracle, MySQL, PostgreSQL, SQL Server
Infrastructure	Linux (Ubuntu, Debian, Oracle Linux), Apache, IIS, Git, GitHub, Firebase, AWS
Management	Scrum, Kanban, Lean Startup, Design Thinking, Project management (PMP-aligned diploma)
Languages	Spanish (native), English (limited working proficiency)

PROFESSIONAL EXPERIENCE

Development Engineer

Mar 2024 – Present

Neosoltec, Valparaíso, Chile

- Implement banking and insurance solutions with Node.js, NestJS and .NET (C#): REST APIs and service integrations.
- Build document-management and data-analysis systems.
- Integrate AI services into client solutions.

Technologies: Node.js, NestJS, TypeScript, .NET (C#), REST APIs, AI services

Co-founder & Development Lead

Sep 2016 – Present

MyComuApp, Valparaíso, Chile

- Co-founded the company; lead the agile team that designs, builds and operates its community communication platform.
- Defined the architecture; develop the cross-platform Flutter app (Android, iOS, macOS and web) and its PHP 8 / MySQL REST API: 200,000+ lines of code, 120+ OpenAPI-documented endpoints and 100+ automated test files.
- Integrated video calls (LiveKit, WebRTC) and push notifications (Firebase); shipped to Google Play and the App Store.

Technologies: Flutter, Dart, PHP 8, MySQL, LiveKit, Firebase, Swift, OpenAPI, Git

Full Stack Java Bootcamp Instructor

Nov 2021 – Apr 2023

Desafío Latam, Chile

- Trained full stack developers in Chile's Talento Digital program (Sence), in bootcamp format.

Technologies: Java EE, Spring, Oracle SQL, MVC

Development Analyst

Mar 2015 – Apr 2023

Pontificia Universidad Católica de Valparaíso, Valparaíso, Chile

- Analyzed and built management, internal-control and e-commerce solutions for the Finance Department.

Technologies: Java EE, Spring MVC, Oracle 12c/21c, Oracle Linux, JavaScript, Flutter, Git

Innovation & Entrepreneurship Lecturer

Aug 2018 – Aug 2019

Duoc UC, Viña del Mar, Chile

- Taught "Entrepreneurship and Innovation" and "Innovation Projects" in the institution's cross-disciplinary program.

Java EE Development Engineer

Jun 2014 – Feb 2015

Isercon, Viña del Mar, Chile

- Developed and maintained high-traffic web systems on Java EE.

Technologies: Java EE, Struts 2, MySQL, Oracle, Debian, SVN

■ EARLIER EXPERIENCE

Development Engineer, AltaVoz S.A.	2012 – 2014
Systems Engineer, Subsecretaría de Desarrollo Regional y Administrativo (SUBDERE)	2011 – 2012
Systems Developer, Colegium	2007 – 2010
Systems Developer, Manpower Chile	2004 – 2006
Freelance Developer, Empresa Portuaria Valparaíso	2002 – 2003

■ EDUCATION

Course in Applying Agile Methodologies for Digital Transformation, Duoc UC	2020 – 2021
Cyber Security and Internet of Things (IoT) Program, Startup Academy, Universidad Técnica Federico Santa María	2018
Diploma in IT Project Management (PMP-aligned), Duoc UC	2017
Computer Engineering degree (Ingeniero de Ejecución en Informática), Duoc UC	2008 – 2010
Systems Analyst degree, Duoc UC	2005 – 2007
Postgraduate Diploma in Art and New Technologies, Interactive Multimedia, Universidad de Chile	2003 – 2004
Graphic Design degree, Duoc UC	1998 – 2002

■ AWARDS

WorkUp pre-incubation program (MyComuApp), Incubadora de Negocios Inacap	2018
Selected for the IoT Challenge for Smart Industries (MyComuApp), Universidad Técnica Federico Santa María	2018
Second place, CITT Challenge 2017 (IBebe project), Duoc UC and Tata Consultancy Services	2017
Joint pre-incubation, IF Valparaíso and 3IE (MyComuApp), IF Valparaíso	2017
Finalist, Impacta Seguridad contest (MyComuApp), Laboratorio de Gobierno de Chile	2017
Second place, All In Chile 2017 (MyComuApp), Duoc UC	2017
Regional selection, Innovators Under 35, Fundación País Digital	2012
Nominee, Alumni Award for Innovation, Duoc UC	2011