



Daniel Main

Versatile Full-Stack Developer and Software Architect

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PROFESSIONAL SUMMARY

Senior Full-Stack Developer and Software Architect with 20+ years of experience, specializing in AI-spec-driven agentic programming using Claude, Codex, and open specs for precise, scalable solutions. Expertise spans blockchain, automotive, healthcare, fintech, and sustainability, leading teams in agile delivery of high-quality applications.

PROFESSIONAL EXPERIENCE

Parental Leave (Elternzeit)

Family Care & Personal Development

Nov 2024 - Present

Stuttgart, Germany

Full-time parental leave to care for family, focusing on personal growth and maintaining work-life balance

Input Output (IOHK)

Tech Lead, Blockchain Technologies for Daedalus and Lace.io Projects

May 2021 - Oct 2024

Remote

Led blockchain wallet development teams for Daedalus and Lace.io projects

- ▶ **Team Lead:** Initially led a team of 13 professionals in developing the Daedalus wallet, transitioned to lead a smaller, focused team for the Lace wallet project
- ▶ **Mentor:** Successfully mentored and helped 3 direct reports achieve promotions
- ▶ **Technical Analyst:** Involved in the technical analysis for the acquisition of Nami wallet (2022)

HeidelbergCement - HConnect GmbH

Mobile Application Developer

Oct 2019 - Dec 2020

Heidelberg, Germany

Contributed to the development and support of 'OnSite', a React-Native mobile app for real-time tracking of cement trucks

Personal Project

Open Source Project: Shitcoin Trader

Feb 2019 - Sep 2019

Remote

Created an Electron/ReactJS based application for cryptocurrency trading

Freimuth & Graf Consulting UG

Software Architect & Full-stack Developer

Apr 2017 - Nov 2018

Germany

Designed architecture and led development team for advanced e-Learning platform

UID GmbH

Automotive Javascript Developer

Dec 2015 - Jun 2016

Ludwigsburg, Germany

Developed module for Mercedes-Benz vehicles' Head-Unit infotainment system

Thinkstep AG (formerly PE International)

Lead Developer & Scrum Master

May 2014 - Nov 2015

Leinfelden-Echterdingen

Led team developing cloud-based software for life-cycle assessments (LCA)

Adobe Systems

Adobe CQ5 Consultant

Feb 2014 - Apr 2014

Hirschau, Germany

Developed e-commerce portal for 'Conrad Electronic SE' using Adobe CQ5

Bubocloud

Co-Founder & Developer

Mar 2013 - Jan 2014

Stuttgart, Germany

Developed Lawsuit Case Management system for law firms in legal tech sector

Daimler AG

IT Consultant

Jan 2011 - Dec 2012

Stuttgart, Germany

Designed and implemented templates for Mercedes Benz after-sales portal

dmc GmbH (now Diconium)

Multi-role IT Consultant

Mar 2006 - Dec 2010

Stuttgart, Germany

Various roles including Alfresco Software Engineer, Service Support Engineer, Technical Project Manager, CMS Software Developer, and Q.A./C++ Software Developer

Sedo GmbH

Junior PHP Developer

Jan 2005 - Sep 2005

Köln, Germany

Developed PHP applications for visualizing Internet statistics in domain trading industry

Core Systems

Junior Java Developer

Jun 2003 - Jul 2004

Santiago de Chile

Implemented Internet banking portal for 'Banco Falabella' using Oracle technologies

EDUCATION

INACAP - Universidad Tecnológica de Chile

Bachelor in Computer Science

Mar 1998 - Sep 2003

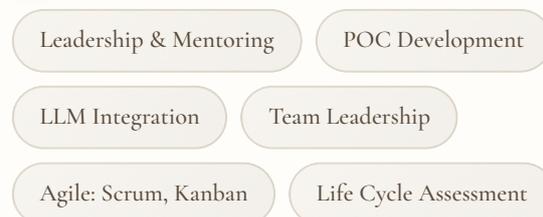
Santiago de Chile

SKILLS

Technical Skills



Professional Skills



Industry Expertise

Blockchain

Automotive

Healthcare Tech

Fintech

EdTech

Content Management

Sustainability

Legal Tech

LANGUAGES

Spanish

Native

German

Fluent

English

Fluent

CERTIFICATIONS

Oracle Certified Professional, Java SE 6 Programmer

2012

Oracle

Adobe CQ5.6 Advanced Developer

2013

Adobe

RedHat RHCT

RedHat (Cert. Number: 609003180807490)

ADDITIONAL TRAINING

Blockchain & Bitcoin 101

Feb 2021

Ivan on Tech

Blockchain Basics • Bitcoin Mining • Forks • UTXO Model • Cryptography • Consensus Algorithms

Ethereum 101

Feb 2021

Ivan on Tech

Ethereum Basics • Account Model • Smart Contracts • EVM • Token Standards • DApps

Ethereum Smart Contract Programming 101 & 201

Feb - May 2021

Ivan on Tech

Solidity • Truffle Development • Unit Tests • Oracles • Metamask Integration

Ethereum Smart Contract Security

Mar 2021

Ivan on Tech

DAO Hack • Parity Hack • Security Best Practices • Upgradeable Contracts • Proxy Patterns

DeFi 101

May 2021

Ivan on Tech

DApps • Metamask • DeFi Stack • MakerDAO • Compound • Stablecoins • Decentralized Insurance

Oracle 9i SQL/PLSQL

2003

Oracle University, Santiago de Chile