DIEGO GARCÍA

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SUMMARY

Accomplished Full Stack Blockchain Engineer with over 15 years of extensive experience in software solutions, specializing in blockchain and Web3 technologies. Proven expertise in working with Agile and Waterfall methodologies, developing projects ranging from small to large-scale, and delivering high-quality products to production. Proficient in a wide range of programming languages and frameworks, including JavaScript/NodeJs, TypeScript, Mocha, Jest, React, Solidity, Hardhat, Web3, Ethers, TheGraph, IPFS, .NET Framework, C#, ASP.NET, WCF, WPF, SqlServer, MySQL, MongoDB, Firebase, and Redis. Skilled in developing APIs, scripts, jobs, and batch processing. Competent in frontend frameworks Angular, Vue and React, and mobile apps with Ionic Framework.

Key Strengths
- Proficient in blockchain and Web3 technologies
- Capability to be a team lead, product owner, project manager, software architect.
- Ability to code Smart Contracts, APIs, batch processing, and frontend frameworks
- Collaborative team player with excellent problem-solving skills
- Passionate about continuous learning and staying up-to-date with industry trends
- Strong background in Node.js and Express
- Strong background in .NET Framework, C#, and related technologies
- Skilled in database and ORM technologies

CAREER HIGHLIGHTS

- Transferred The Sandbox's assets system from Ethereum's (L1) to Polygon (L2), introducing significant and disruptive improvements.
- Successfully generated and updated all TSB assets' metadata on Polygon in record time.
- Transitioned the exchange through a generic sales contract to enable seamless asset trading, fees, and royalty generation
- Developed the scoring and ranking system for staking users. Collaborated on the new staking dashboard in TSB.
- Contributed to the design and development of the AFOs (Advanced Function Operations) at UTE in collaboration with EDF (France), which automatically reconnects the distributed network in case of a failure, significantly reducing downtime, costs for users, and service penalties. Part of the SMART Grid strategic project in Uruguay.

CAREER BACKGROUND

The Sandbox – Uruguay
Blockchain Integrations Engineer | July 2022 – April 2024
- Hired as a Senior backend engineer, I developed multiple features with complex logic in the company's main API, and worked on the blockchain team developing smart contracts integrations, achieving key advancements.

- Used IPFS, OZD, TheGraph, Solidity, Hardhat, Web3, Ethers, MetaMask, Tenderly, Alchemy, Infura, and active engagement with the EVM ecosystem, among other technologies

Uruguayan National Administration of Power Plants and Electrical Transmissions (UTE) | Uruguay
Software Engineer | February 2014 – July 2022
- Developed .NET applications to detect faults, analyze the network, identify reconnection possibilities, and command power stations. Additionally, developed applications to visualize and analyze all the information generated in the process.
- Maintained and redeveloped SCADA system configuration
- Generated and organized system's documentation Analytical study of information from BigData

Sonda IT Services – Uruguay
Software Engineer | November 2013 – February 2014
- During my brief time at SONDA, I made significant contributions to the real estate management system and various data update processes. Afterward, I decided to accept the challenge at UTE.

National Administration of Fuels, Alcohols and Portland (ANCAP) – Uruguay
Software Analyst | March 2029 – November 2023
- Handled the company's CMS as well as other institutional CMS systems
- Designed and Developed modules in ESB BizTalk
- Developed several C# internal apps

EDUCATION

- **Master's Degree in IT Management (Level 9)**
  Catolica University, Uruguay
  The Master of IT Management is modeled after the Master of Science in Engineering Management and Leadership proposal from Santa Clara University in the United States of America, a university located in Silicon Valley, a global leader in innovation and technology development.
  April 2014 to March 2017

- **Honors Bachelor Degree in Software Engineering (level 8)**
  University of the Republic, Uruguay
  February 2002 to March 2012

Further Education
- Rust Essential Training (May 2024)
- Node.js: Microservices (April 2024)
- Advanced Solidity: Understanding and Optimizing Gas Costs (September 2023)
- Modern GraphQL with Node (November 2022)
- Ethereum and Solidity: The Complete Developer's Guide (July 2022)
- The Complete Node.js Developer Course (June 2020)
- Cambridge English - BEC Vantage International Certification (11/2019)
- VMWARE Virtualization (November 2018)
- Mindfulness (June 2018)
- The 7 Habits of Highly Effective People (September 2013)

- ORT, Management Skills - Communication (August 2013)
- DEVELOPING BP & IS USING MS BIZTALK SERVER 2006 (July 2012)
- Implementing a Microsoft SQL Server Database (July 2011)
- Project Management Methodologies (June 2009)

LANGUAGES

- Spanish - Native speaker
- English - Fluent, oral, and written

EXTRA

Soft skills
- Strategic decision-maker and problem-solving
- Critical thinking and analytical mindset
- Ability to work well independently as well as part of a team
- Impeccable time management
- Planner, organized, and proactive
- Flexibility to adapt to changing environments
- Ability to prioritize