David Espinoza

Software Developer

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Experience

2016 - Current — PyramIT

Software Engineer / Project Manager

Antofagasta, Chile

Managed and developed custom full-stack software projects requiring high responsibility levels for such as Government institutions and leading Universities.

- ✓ Worked on the entire software engineering process such as requirements analyzing, designing, coding, deploying and maintaining.
- ✓ Created back-end environments using the Test Driven Development (TDD) approach from design to production working with the Laravel framework and API REST.
- ✓ Developed front-end interfaces to work and communicate the back-end system using the Angular framework with TypeScript.
- ✓ Securized software systems developing and integrating the oAuth2 protocol in back-end side as well as in front-end.
- ✓ Built, integrated and deployed the main front websites for the software environments developed.

</> Used technologies

Laravel | PHP | PHPUnit | TDD | MySQL | API REST | oAuth2 | Angular | jQuery | HTML | CSS | Bootstrap | Git | Docker

2020 - 2021 — Enfoque

Software Engineer (single project)

Antofagasta, Chile

Charged of leading the development team and implementing the ELP (Logistics Platform) used as a main software platform by a logistics company that provides supply chain solutions to the most important companies operating in the big mining.

- ✓ Implemented the entire Purchase & Logistic process, considering Internacional quoting, Purchase orders, Providers management, Logistics, Invoicing and Delivering issues.
- ✓ Managed task & resources as well as making tech decisions as a developing team leader.
- ✓ Created a fully back-end environment from requirements analyses & database design upto the API REST serving using the Laravel framework.
- ✓ Developed front-end application project in order to communicate to the back-end system through friendly interfaces using the Angular framework with TypeScript.
- ✓ Integrated secure protocols as oAuth2 in back-end side as well as in the front-end application for providing a safer software solution.

</> Used technologies

Laravel | PHP | PHPUnit | TDD | MySQL | API REST | oAuth2 | Angular | jQuery | HTML | CSS | Bootstrap | Git | Docker | Figma

2019 - 2021 — Crowmind

Full-stack Web Developer

Vancouver, Canada

Developed back-end and front-end projects as custom implementations. In some cases, integrated commercial CMS platforms to the working environment.

- ✓ Multiple web projects development and multimedia contents creation for different companies.
- ✓ Custom web development and integration with WordPress solutions including Plugins and Child themes.
- ✓ Website and multimedia contents optimization for Google SEO.

</> Used technologies

Laravel | PHP | MySQL | Angular | jQuery | HTML | CSS | Bootstrap | WordPress | Git | Docker

2015 - 2017 — Enfoque

Software Engineer

Antofagasta, Chile

Lead the development team and built the ERM System (Rental Management) used as a software platform solution for an important machine's rental & repair company.

- ✓ Developed a full-stack web project in ASP.NET using C# and MySQL databases.
- ✓ Implemented modules such as Inventory control, Rental & Repair management, Reporting and Business Analysis with charts integration as well as email notifications.
- ✓ Managed task & resources as a development team leader.
- ✓ Making decisions about new features and optimization together with the project management area.

</> Used technologies

.NET | ASP | C# | MySQL | jQuery | HTML | CSS | Bootstrap | SVN

2014 - 2015 — Finning

Software Engineer

Antofagasta, Chile

Managed and developed the Quality Assurance System (SGC) used as a work platform for quality's events control & management providing a software solution across the entire southamerican division including Chile, Argentina and Bolivia.

- ✓ Developed a full-stack web project in Microsoft enterprise environments using C# with ASP.NET and SQLServer databases.
- ✓ Worked on all the different software engineering stages such as requirements analysis, design, coding, deployment and maintenance.
- ✓ Developed a high impact software solution across the entire business process, being used by the biggest 4 centers located in 3 different countries.
- ✓ Realized an exhaustive requirements analysis involving data & information from different areas in the company.
- ✓ Created and contributed with real-time reports and charts for the decision making involving huge money amounts by the executives.

</> Used technologies

.NET | ASP | C# | SQL Server | jQuery | HTML | CSS | Bootstrap | Git

2013 - 2013 — Minera Michilla

Junior Developer (student)

Antofagasta, Chile

Developed and optimized the OHSAS (Occupational Health & Safety Assessment Series) module for the MIC System used by the Risk Prevention and Environment Care areas in a big mining company.

- ✓ Implemented an entire new module for the custom company system (MIC) using Java with JSP and PostgreSQL databases.
- ✓ Learned and worked with Servlets technologies and Dispatcher design pattern.
- ✓ Worked with an experienced professional team including Java senior developers.
- ✓ Generated realtime reports and charts for decision making as well as email notifications for all the employees.
- ✓ Contributed in a long-term custom project; analyzing, optimizing and refactoring code.

</> Used technologies

Java | JSP | Servlets | PostgreSQL | jQuery | HTML | CSS

University

2015 — **Computer Engineer**
Universidad Catolica del Norte

2013 — **Bachelor in Computer Science**
Universidad Catolica del Norte

Certificates

2021 — **SCRUM Fundamentals Certified**
SCRUMStudy

2015 — **Advanced Android Development**
Universidad Blas Pascal