

Juan Roman Software Developer

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Portfolio <https://juanroman.netlify.app/> | [linkedin.com/in/juan-roman-nz](https://www.linkedin.com/in/juan-roman-nz)

A skilled **Software Developer** specializing in modern app development, he adeptly leverages the latest technologies, including **Next.js 13, Typescript, Material UI, Tailwind, and GraphQL**. Proficient with tools like Jest for unit testing, Supertest for integration testing, and end-to-end (e2e) tests for quality assurance. With a strong focus on CI/CD and declarative deployment, he seamlessly integrates automated quality and security measures. He stands out as a team player, reliably contributing to collaborative efforts. Possessing strong communication skills and an innate ability to connect with people, he methodically navigates complex tasks while demonstrating strategic thinking to effectively solve problems. Committed to excellence, he executes tasks meticulously and enhances team dynamics. His diverse skill set and collaborative approach make him a valuable asset to any development team.

TECHNICAL SKILLS

Technical Expertise:

Cloud Services (AWS)

Frontend Development DevOps (CI/CD)

Project Management & Collaboration Tools:

Jira Software GitHub Project Miro

Kanban

```
type OrganizationalSkills = {
```

```
  timeManagement: number | true;
```

```
  taskPrioritization: string[];
```

```
  scheduling: number;
```

```
  planningAndCoordination: object;
```

```
  attentionToDetail: number;
```

```
  resourceAllocation: number[]; };
```

```
type CoreCompetencies = {
```

```
  exceptionalCommunicationSkills: string;
```

```
  Adaptability: string;
```

```
  Collaboration: object;
```

```
  Continuous Learning: string;
```

```
  Organizational Skills: OrganizationalSkills;
```

```
  Databases: string[];
```

```
  Project Management: true; };
```

//technicalSkills.json

```
{
```

```
  "Languages": [
```

```
    "JavaScript", "Typescript", "Node.js", "CSS", "SASS", "HTML",
```

```
    "Python", "SQL"],
```

```
  "Libraries": ["React", "Jest", "Supertest", "RTL"],
```

```
  "Frameworks": ["Next.js 13", "Express.js", "React Native"],
```

```
  "Data": ["Airflow", "Spark", "PySpark", "Hadoop", "Scala"],
```

```
  "Databases": ["PostgreSQL", "MySQL", "Microsoft SQL", "MongoDB"],
```

```
  "Machine Learning": ["Pandas", "Scikit-learn", "TensorFlow", "Coco"],
```

```
  "Stacks": {
```

```
    "PERN": ["PostgreSQL", "Express.js", "React", "Node.js"],
```

```
    "MERN": ["MongoDB", "Express.js", "React", "Node.js"]
```

```
  },
```

```
  "Cybersecurity": ["Auth0", "Snyk", "OWASP", "CERT NZ"],
```

```
  "Content Management Systems": ["Strapi", "WordPress", "Joomla"],
```

```
  "Email Marketing": ["Mail Relay", "Mailchimp"],
```

```
  "Other": {
```

```
    "MongoDB Object Modeling": "Mongoose",
```

```
    "Containerization": ["Docker", "Kubernetes"]
```

```
  }
```

```
};
```

EXPERIENCE

Developers Institute, Auckland. Student Software Engineer | Sep 2021 – Sep 2023

Description:

- Collaborated within cross-functional teams to develop robust React applications.
- Conducted thorough testing using Jest, Supertest, and React Testing Library for reliability.
- Contributed to the architecture design by employing C4 models to create clear and concise representations of the frontend, backend, and database components.
- Prioritized security considerations, including the implementation of Auth0 and Google authentication.
- Designed APIs in accordance with best practices and meticulously documented them for clarity.
- Integrated Node.js and RESTful APIs to facilitate smooth frontend-backend interactions.
- Started into React Native, crafting a mobile app with notifications to enhance user engagement.
- Demonstrated proficiency in deploying applications consistently and efficiently through Docker.
- Managed both SQL and NoSQL databases, effectively scaling and ensuring availability on AWS.
- Explored the realm of ML AI using Python, Pandas, and SageMaker on AWS.
- Navigated Agile methodologies, including Scrum, and Sprint frameworks, alongside tools such as Jira Software and GitHub Projects, to orchestrate tasks and ensure efficient project management.

Achievement:

- As a student, he has accomplished a remarkable range of feats across diverse technological domains:
- Developed a responsive e-commerce site with Stripe API for secure payments.

- Transformed a webpage into a mobile to-do app with fingerprint authentication and notifications.
- Created an interactive "rock-paper-scissors" game, training a machine model for precision.
- Executed an insurance app with robust encryption and approval workflows.
- Proficiently deployed scalable apps on Amazon Web Services.
- Leveraged AWS for advanced machine learning initiatives.
- Engineered an app facilitating student-teacher communication.
- Currently crafting an empowering student portfolio app.

<h3>Infinity Sports Ltd, Auckland. Director | 2016 – Present </h3>

Description:

- Designed and implemented a business plan, including mission statements, goals, values and strategic plans.
- Transitioned the business model to align with the acquired advisor license, offering advisory services.
- Managed Online Marketing initiatives including websites and blogs development, email marketing, SEO, SEM and social media campaigns for successful outcomes.

Achievement:

- Successfully transformed the company's business model and operations into a global online presence, effectively serving clients from around the world.
- Established and managed active social media platforms, orchestrated efficient email marketing campaigns, and implemented automation processes across various aspects of the business.
- This included the development of a comprehensive CRM system for streamlined client management, invoicing, customized plans, and facilitated appointment scheduling through a third-party application.
- The result was a seamless and automated end-to-end experience, from lead generation to payment processing, ensuring effective communication and service delivery to clients worldwide. </section>

<h2>TECHNICAL PROJECTS</h2>

<section><h3> Juan Roman Portfolio </h3>

<p>My dynamic and interactive web portfolio, built with React, showcases my developer skills and projects. It boasts a sleek Material-UI (Mui) design, prioritizes security with Auth0 authentication, and utilizes internal APIs for in-depth project, education, and skill information. The responsive layout adjusts smoothly to different screens, offers light and dark modes, and features a contact form for easy communication. Users can also reach out via WhatsApp or their default email app for enhanced accessibility.</p>

<h3> NZ Immigration Advisor </h3>

<p>This website serves as a detailed platform for New Zealand travel visa information and immigration guidance. It employs two CMS systems: Joomla for the shop and Lead Magnet features, and WordPress for the blog and SEO enhancement. The site features a specialized subscription form linked with Mail Relay for lead capture and email correspondence. A customized landing page highlights visa services, securely connected with Stripe for payments. After payment, users access a personalized immigration advice form. The site is bilingual (English and Spanish) for effective communication with diverse audiences.</p>

<h3> Elite Corps Fitness Preparation </h3>

<p>This platform is designed for individuals preparing for fitness exams in Spain, particularly for roles like Police and Firefighters. It employs two CMS systems: Joomla for the online shop, offering fitness preparation materials, and WordPress for the blog section and SEO enhancement, providing informative content. The site delivers specialized training programs customized to the unique fitness criteria of these professions. The integration of CMS systems ensures effective shop management and enables easy content updates on the blog, enhancing user engagement and experience.</p></section>

<h2>STUDY</h2>

<section>Developers Institute, Auckland. Level 6 Diploma in Software Developer Sep/ 2021 – Sep/2023Concordia Institute of Business, Auckland. Business Management advanced Level 6 Dec/ 2011 - Oct/ 2012Polytechnic University of Madrid, Spain. MBA in Sports Organizations Jun/ 2002 - Nov/ 2004University of Leon, Spain. Sports Science Degree Diploma 1992/ 1998</section></main>

<h2>ADDITIONAL INFORMATION</h2>

<footer>Languages Spoken English and Spanish & Nationalities Spanish and New Zealander & Interest Writing enthusiast & family time.</footer>

<h2>REFERENCES</h2>

Available upon request.</footer></body></html>