

# Javier Novella Nebot

## Software Engineer

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🔗 github.com/jnovneb/    🔗 www.javiernovella.com

### Summary

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Highly motivated and responsible Software Engineer with a strong work ethic and a passion for continuous learning.  
Adept at collaborating effectively within team environments, I thrive on developing innovative solutions and enhancing my skills in the ever-evolving field of software engineering.

### Experience

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<b>Software Engineer, Navantia Australia</b> <ul style="list-style-type: none"><li>Designed, developed, and deployed scalable and secure software solutions that integrated AI/LLM features into naval systems, which enhanced operational efficiency and decision-making capabilities.</li><li>Implemented industry best practices such as clean code, CI/CD, automated testing, and Agile methodologies, helping streamline the development process and improve software quality.</li><li>Collaborated with cross-functional teams to deliver high-quality software, optimizing application performance and ensuring that all stakeholders' needs were met.</li><li>Documented architectures, workflows, and deployment processes to ensure long-term maintainability, which facilitated future updates and reduced onboarding time for new team members.</li></ul>	08/2025 – Present Sydney, Australia
<b>R&amp;D ENGINEER, Navantia Australia</b> <ul style="list-style-type: none"><li>Tested AI models on various datasets to evaluate performance and optimize results.</li><li>Trained neural networks with large datasets to improve model accuracy.</li><li>Integrated artificial intelligence capabilities into existing software applications.</li></ul>	06/2024 – Present Sydney, Australia
<b>SOFTWARE DEVELOPER AND DATA ANALYST, F1-Connecting</b> <ul style="list-style-type: none"><li>Developed programs to automate processes and improve user experience.</li><li>Collaborated with team members to ensure successful project completion.</li><li>Debugged code to identify errors and fix them efficiently.</li></ul>	05/2023 – 03/2024 Valencia, Spain
<b>SOFTWARE DEVELOPER (INTERN), F1-Connecting</b>	02/2023 – 05/2023 Valencia, Spain

### Education and Training

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<b>Bachelor of Science, Universidad Politécnica De Valencia (UPV)</b> Computer Engineering	06/2023 Valencia, Spain
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Skills

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- Java
  - Python
  - SQL and MySQL
  - Ruby and Ruby on Rails
  - AI: GPT, Langchain, LangSmith, Llama
  - Azure, AWS
  - Jira, Confluence, Microsoft SharePoint
- C
  - HTML, CSS, Javascript, Bootstrap, React
  - C++
  - Git
  - Network and system management
  - Docker, Kubernetes, Jenkins

Languages

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English

Full Professional

Catalan

Professional

Spanish

Native/ Bilingual

French

Elementary

Hobbies and Interests

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- Sports
  - Traveling
- Gym
  - Meeting friends
- Sailing

Personal projects

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**Developed a VPN orchestrator for my final year project, which controlled all network traffic passing through these networks and provided real-time graphical representations of the traffic.**

Developed a VPN orchestrator for my final year project, which controlled all network traffic passing through these networks and provided real-time graphical representations of the traffic. This project was built using Ruby on Rails. Here is the link to the repository [🔗](#) .

**AI Meeting Summarizer**

AI Meeting Summarizer is a web application that transcribes meeting audio using VOSK or Whisper and generates concise summaries and task lists with a language model (LLM). The app includes real-time progress tracking with React, file storage using MinIO, PDF export, and email sending.  
Repository [🔗](#)

**AITattooGenerator**

A full-stack application that allows users to generate tattoo designs based on text prompts, overlay tattoos on images, and manage their generated artwork. The frontend is built with Next.js and the backend with Flask, using a local SQLite database. Images can be generated via a Stable Diffusion model running locally  
Repository [🔗](#)