📌 PROFILE

✓ With **10+ years of experience** building scalable **web applications**, specializing in **React, Next.js, Node.js, and Python for AI/ML solutions**.

✓ Strong expertise in **modern technologies** including **TypeScript, Prisma, MySQL/PostgreSQL**, and **cloud platforms (GCP, Vercel, AWS)**.

✓ Proven track record implementing **CI/CD pipelines** and **Agile/SCRUM** methodologies to deliver **high-quality software faster**.

✓ Skilled in designing and integrating **REST & GraphQL APIs**, ensuring **seamless interoperability** across systems.

✓ Proficient in **Git-based workflows**, fostering collaboration, efficient code management, and continuous delivery.

✓ Hands-on experience with **Docker & containerized development**, ensuring scalable and portable deployments.

📌 SOFT SKILLS

✓ Leadership

✓ Teamwork

✓ Problem Solving

✓ Focus on Results

✓ Responsible

SENIOR FULL-STACK & AI ENGINEER.
Ing. Oscar Antonio Bonelli Nasta.

📧 **bonelli.personal@gmail.com**   📱 **+52 833 208 79 65**

🌐 **obonelli.dev**   💻 **github.com/obonelli**   🔗 **linkedin.com/in/obonelli**

RELEVANT ACHIEVEMENTS

🚀 **Productivity Boost:** Automated workflows with Python & Node.js, improving efficiency by 30% across multiple teams.

💳 **E-commerce** *Growth*: Scaled platforms with React & Next.js, increasing online sales by 40% and enhancing UX.

🤖 **AI Integration:** Delivered chatbots & recommendation engines using Python (FastAPI) & OpenAI, boosting engagement.

☁ **Cloud Optimization:** Migrated apps to Vercel & GCP, cutting infra costs while ensuring scalability.

EDUCATION

Superior Computer Systems (2008-2012)
Cedip - Tampico, México.
Master in quality and competitiveness (2014-2016)
IEST Anáhuac - Tampico, México.

EXPERIENCE

Lead Full-Stack Engineer - 06/2024 – 06/2025 (Fixed-term contract)
Cloud Transit Xchange
- **Backend**: Node.js (Express and Nest), Python (FastAPI), RESTful & GraphQL APIs.
- **Frontend**: React.js, Next js, React Native (Expo), Typescript
- **Databases:** MySQL (Prisma ORM), MongoDB (Mongoose),PostgreSQL (Sequelize, TypeORM, SQLAlchemy)
- **Cloud**: AWS Lambda, Cloud Functions.
- **CI/CD**: CircleCI & GitHub Actions for automated deployments.
- **Testing**: Jest, React Testing Library, Enzyme.
- **Containers**: Docker & Docker Compose for containerized environments.
- **Version Control:** Git workflows for collaboration.
- **UI/UX**: Prototypes and wireframes in Figma with cross-functional teams.

ACHIEVEMENTS

- **Refactored legacy v1** under strict deadlines, enhancing functionality and strengthening codebase**.**
- **Led the development of a next-generation version**, mentoring junior developers while delivering an optimized UI and a scalable white-label system.
- **Streamlined UI development** by implementing Storybook, cutting component build time by 25%.
- Reduced **infrastructure costs by 20%** by migrating critical services to AWS Lambda and Cloud Functions.
- Improved **deployment frequency by 30%** through CI/CD automation.

Lead Engineer- 05/2023 – 06/2024
Persistent Systems

- **Backend:** Node.js (Express, TypeScript), Python (FastAPI), development RESTful and GraphQL APIs.
- **Frontend:** Javascript, HTML, CSS, React.js, Next js ,Redux , Typescript , Tailwind , Material UI , Consuming REST APIs and GraphQL using the Apollo Client.
- **Databases:** MySQL (prsima), SQLAlchemy, MongoDB (mongoose).
- **Testing:** Unit & integration testing with Jest; Storybook for centralized UI component management.
- **Version Control:** GitLab for collaborative workflows.
- **Methodology:** Agile/Scrum for efficient project delivery.

ACHIEVEMENTS

- Optimized API performance, **improving response times by 40%.**
- **Increased test coverage from 60% to 90%** with Jest, reducing bugs and improving reliability.

Software developer- 08/2018 - 04/2023
Coppel

- **Backend:** PHP (Laravel), Node.js (Express), Python (FastAPI), Java (Spring Boot, Hibernate, Spring Batch).
- **Frontend:** React.js, React Native, Redux, TypeScript, Javascript.
- **Testing & Automation:** Jest, Selenium, Maven, Jenkins.
- **Databases:** MySQL, SQL Server, PostgreSQL, MongoDB.
- **Containers:** Docker & Docker Compose for containerized development and deployment.
- **Cloud:** Amazon Web Services (AWS).
- **UI/UX:** Tailwind CSS, Less, CSS3, collaborated with UX team to enhance user experience.
- **E-commerce:** Maintenance and improvements of platforms optimized with React js and React Native apps.

ACHIEVEMENTS

- Implemented a custom loyalty point system, **boosting customer retention by 25% and increasing sales by 5%.**

Software Engineer - 04/2012 – Now
Self-Employed / Independent Contractor

- **Backend**: PHP, Node.js, Python (Django, Flask, FastAPI).
- **Frontend:** React.js, AngularJS, JavaScript, jQuery, Less/Sass.
- **Databases**: MySQL, SQL Server, PostgreSQL, MongoDB.
- **Containers:** Docker & Docker Compose for containerized development and deployment.
- **AI/ML:** TensorFlow for model design, training, and deployment (classification, regression, computer vision).
- **Vector Databases:** Pinecone for production-ready semantic search and RAG pipelines demo proyect
- **E-commerce & CMS:** Built and customized platforms with JavaScript (React, Node.js), integrating APIs, payment gateways, and scalable front-end features, leveraging **CMS solutions** (WordPress, Joomla, Shopify) with custom themes and plugins.
- Developed tailored e-commerce platforms and admin systems for 50+ clients, **achieving 95% customer satisfaction** across diverse industries.