

Denys Menfredy

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Skills

- **Languages:** Python, JavaScript, TypeScript, SQL
- **Backend:** Node.js, FastAPI, Nest.js, RestfulAPIs
- **Databases:** MySQL, Redis, PostgreSQL, MongoDB
- **Frameworks:** Django, React.js, Vue.js, Django REST Framework
- **DevOps:** CI/CD, Git, Docker, Kubernetes, GitHub Actions
- **Cloud:** AWS, GCP
- **AI/ML:** Tensorflow, Keras, Pytorch, Langchain, Scikit-learn

Summary

Software Engineer specializing in web development with experience in full-stack technologies like Python, JavaScript, TypeScript, and frameworks such as React.js and Vue.js. I've successfully tackled projects ranging from scalable applications to AI-driven solutions. I thrive on problem-solving, always seeking innovative ways to enhance user experience. My soft skills include strong teamwork, effective communication, and a positive attitude, which help me foster collaboration and build lasting relationships. I'm passionate about technology and continuous learning, always excited to tackle new challenges!

Experiences

Globo Apr 2025 - Present
Full-Stack Developer

- Participated in the development of a new crucial application that replaced a 20-year legacy one
- Improved user experience by developing a Google Maps 3D integration that will be used by the company's journalism division.
- **Context:** Working as a full-stack developer, making software architecture decisions, implementing features, and reviewing code.

Globo Feb 2023 - Apr 2025
Junior Full-Stack Developer

- Optimized query execution time by 80% by applying database index concepts
- Promoted the use of an internal application throughout the company by giving training classes
- **Context:** Working for Globo, a major media and television company in Latin America, and one of the biggest in the world, developing solutions that integrate with graphics applications used by journalism, sports, and entertainment teams.

Meta Informatica Brazil Aug 2022 - Feb 2023
Junior Backend Developer

- Reduced third-party application contracts by ~85% developing its own applications, generating lower costs and more flexibility for the company.
- Improved user experience and usability by coding applications with modern frontends.
- **Context:** Allocated within the Grupo Globo Comunicações. Working as a full-stack developer implementing and maintaining applications that'll be used in closed and open TV signals, such as social media moderation, APIs for climate data, and soccer and volleyball live stream data...

Escritório Contábil Mezzomo May 2021 - Dec 2021
Data Engineer Intern

- Automated the process of classifying financial documents using Machine Learning models
- Reduced the costs of hiring experts by implementing an ML model with 89% accuracy to classify financial documents automatically.
- **Context:** Working for an accounting office, using AI to classify Brazilian financial documents. Engaged with data pipelines for collecting, cleaning, and transforming data used by the Machine Learning models. Implementing state-of-the-art ML models to classify the documents.

Universidade Federal do Pará Jul 2019 - Jun 2021
AI Developer

- Implemented a machine learning model to guide the learning process of a genetic algorithm.
- Published a poster at GECCO, a major conference of genetic algorithms.
- **Context:** Working as a research student in AI, engaged in Machine Learning and Evolutionary algorithms

projects. Responsible for developing and reviewing software, writing and publishing articles.

Education

Universidade Federal do Pará <i>Applied Computing (Artificial Intelligence)</i>	Master's degree Jan 2023 - Jul 2026
Universidade Federal do Pará <i>Computer Engineering</i>	Bachelor's degree Sep 2017 - Dec 2022