

JONATHAN SAVIO CORREA

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PROFILE

I am a back-end developer with a deep understanding of Python and expertise in Flask, Express, and PostgreSQL. I specialize in building secure, efficient, and scalable server-side applications, with strong skills in database management, server optimization, and system design. I have implemented complex authentication systems and real-time communication features, including secure websocket connections. A fast learner passionate about problem-solving, I continuously refine my skills and explore AI agents and emerging AI technologies to broaden my capabilities.

WORK EXPERIENCE

Freelance Work

2024 - 2025

- Worked on helping out businesses to improve their WordPress sites. Worked on implementing complex systems to redesigning sites to improve their looks and SEO.
- Worked on impactful college projects, including developing an alumni network system, a registration portal, and an analytics tool for a TEDx event, contributing to smoother operations and improved engagement.

Project: DeepNote

2025

- AI tool that allows you to interact with your pdfs, like get answer sheets for your question papers, chat with your notes pdf and ask questions and generate flashcards.
- Made using Next.js, Flask, Pinecone.

Project: Binsense

2025

- A group of tools to help all parties of the waste cycle, ensuring that waste is disposed correctly and improve efficiency of the whole cycle.
- Made using several different Python packages.

Project: Ltchatgt

2024

- An anonymous chatting application that doesnt store your data.
- Made using Javascript node.js, express.js & socket.io.

Project: NoteVault

2023

- Developed an API that webscrapes previous year question papers links and returning it.
- Made using Flask & BeautifulSoup.

EDUCATION

Our Own High School, Dubai

2016 - 2023

St. Aloysius University, Mangalore

2023 - 2026

Bachelor in Computer Applications

ADDITIONAL INFORMATION

- **Skills:** Leadership, System Design, Project Management, Critical Thinking
- **Programming skills:** Web development & building APIs (HTML/CSS/JS, Python), Database Management (MySQL, PostgreSQL), Implementing AI technologies, IOT development
- **Languages:** English, Hindi, Konkani
- **Certifications:** C#, AI, PowerBI, Python, MySQL