

# Bernardo de la Sierra Rábago

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LinkedIn: [www.linkedin.com/in/bernardo-de-la-sierra](https://www.linkedin.com/in/bernardo-de-la-sierra) | GitHub: [github.com/Bdelas777](https://github.com/Bdelas777) | [Portfolio](#)

## EDUCATION

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**August 2021 - Present**      B.S. in Computer Science at Tecnológico de Monterrey      **Expected June 2025**

## WORK EXPERIENCE

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- Feb 2025**      **Cydsa | RPA & Full Stack Developer | Monterrey, Mexico**  
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**Present**
- Implemented Python-based automation solutions that optimized data flows and reduced manual tasks by 25%, including invoice downloads, information uploads, data transfers, and PDF-to-Excel data extraction
  - Developed web applications using modern frameworks and SQL databases, significantly improving operational efficiency
  - Created enterprise solutions using ASP.NET with C# and SQL Server to streamline internal operations
- Jan 2025**      **Metepori | Full Stack Consultant**  
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**Present**
- Designed and implemented end-to-end solutions with focus on system scalability and performance optimization
  - Developed QR-based distribution systems leveraging Firebase services to enhance logistics operations
  - Created data pipelines for real-time processing and analytics using Python automation to support operational decision-making
- Aug 2023**      **MAE Web Platform Development - Empowering Student Academic Mentorship**  
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**Dec 2024**
- Led development of a platform that facilitated over 3,200 academic mentoring sessions using an agile methodology
  - Implemented real-time data processing with Vue.js and Firebase
  - Designed algorithms for user matching and recommendation systems based on schedules
  - Won 1st Place at Expo Ingenierías 2024 (Software Category)
- Aug 2024**      **Patio Wizeline Intern - Full Stack Developer**  
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**Dec 2024**
- Developed a Slack bot using React and NestJS that improved employee feedback processes by 15%
  - Implemented CI/CD pipelines to automate deployments in cloud environments
  - Worked with container technologies (Docker) to ensure consistency across environments

## PROJECTS

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- Aug 2024**      **ConsoliBanco – Full Stack Project**  
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**Sep 2024**
- Developed secure multi-bank management platform with real-time transaction processing
  - Implemented containerization and Appwrite for scalable deployment and authentication/database management
  - Utilized Python to automate financial data analysis, improving decision-making by 20%
- Feb 2024**      **Vita - Healthcare Application**  
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**Sep 2024**
- Implemented AWS infrastructure for a scalable platform, managing cloud resources effectively
  - Developed automation scripts for deployment and monitoring of cloud resources using Scrum methodologies
  - Integrated machine learning models for data analysis and prediction

## CONTESTS & AWARDS

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- Mar 2024**      **Swift Student Challenge 2024 & 2025**
- Selected as one of 350 winners globally, recognizing exceptional innovation in Apple technologies and demonstrated excellence in algorithm design and implementation.

## TECHNICAL AND SOFT SKILLS

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- AWS, Docker, CI/CD, Python Scripting, Bash, Cloud Functions, HTML, CSS, JavaScript, TypeScript, SwiftUI, MongoDB, GitHub, React, Prisma, Vue.js, Node.js, Docker, Express, Firebase, Flutter, VisionOS, Java, Sprint, Azure, SQL Server, PostgreSQL, Firebase SQL Server, Azure
- Soft Skills: Teamwork, Leadership, Problem-Solving, Adaptability, Empathy, Curiosity | English: B2