

## EDUCATION

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- **Tulane University** New Orleans, LA  
*Master of Business Administration; GPA: 3.51* Aug. 2010 – May. 2012
- **Universitat Politècnica de Catalunya** Barcelona, Spain  
*Bachelor of Engineering in Electrical and Electronics* Sep. 1999 – Feb. 2004

## EXPERIENCE

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- **Mintknight** Remote  
*Software Engineer - NodeJs, Solidity, React, MongoDB* Sep 2021 - Present
  - **API:** Developed REST API endpoints using Node.js, Express and MongoDB to facilitate communication between the client and the server. Utilized authentication tokens to secure API requests. Developed API documentation with Swagger for easier integration of third-party services. Implemented automated test.
  - **Front end:** Developed a React-based web application using React, Redux, and TypeScript. Implemented reusable components using React and Redux to improve code maintainability and scalability. Utilized React hooks for state management and lifecycle methods in components.
  - **CLI:** Implemented new functionality to our client at the same time we developed the API.
  - **Documentation:** Documented our API endpoint using Swagger and Gitbook. Created a public collection on Postman.
- **Insanitea Kombucha** New Orleans, LA  
*Owner and Founder* Feb 2017 - Sep 2021
  - Designed and built Insanitea Kombucha Brand. Developed HACCP plans and got FDA approved. Raised seed Money. Opened over 50 accounts in New Orleans area.
- **Search Influence** New Orleans, La  
*Ruby on Rails Software Engineer* May 2016 - Feb 2017
  - Developed Ohm and maintained other internal applications using Ruby on Rails and PostgreSQL. Implemented MVC design pattern to develop web applications. Utilized jQuery, HTML, CSS, and Bootstrap for front-end development. Utilized server templating, and Used Agile development processes and Scrum methodology.
- **Tenbo Air** New Orleans, LA  
*Software Engineer - Ruby on Rails, Postgres, Heroku* Sep 2014 - May 2016
  - **Client Portal:** Developed and implemented TenboAir User platform using Ruby on Rails. The platform enabled customers to schedule services and receive electronic deliverables. Some examples of our deliverables were orthoMosaic pictures, 3D models, pdf reports.
- **Cirsa** Barcelona, ES  
*C++ Software Developer, CIRSA -I+D-Business to Business* May 2008 - Jul 2009
  - Worked in the development of la "Perla del Caribe" slot machine. Designed and Developed classes in C++. Emigrated a C software platform to a C++ platform
- **Picvisa** Barcelona, LA  
*Software Engineer - Image recognition* Jan 2007 - Jan 2008
  - Developed algorithms using halcon libraries to detect flaws in the production line using artificial vision. Realized a ceramic program to detect flaw tiles using sound analysis and image processing

## CURRENT TECH INTERESTS

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- **AWS, Serverless infrastructure:**

## VOLUNTEER PROJECTS

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- **GirlsRockCamp, How to use the abortion Pill, Nola Mesh:**

## TECHNICAL SKILLS

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**Languages:** JavaScript, C++, Solidity, Ruby, SQL, HTML/CSS  
**Developer Tools:** VS Code, AWS-CLI, postman, Hardhat, Truffle, Ganache  
**Technologies/Frameworks:** Linux, nodeJs, express, React, Redux, Rails, GitHub, WordPress