



# ANDRIAMIARISON Mandaniaina Precieux

## IT Specialist & Dentist

### PROFILE

Passionate about digital technologies, I transitioned into computer science after a background in the medical field, driven by the rapid pace at which digital innovation is shaping today's world.

### Contact Information

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-  <https://github.com/MANDANIAINAPRECIEUX>

### INTERESTS

- **Sports:** Cycling, Basketball
- **Technology:** Medical Informatics, Digital Health Systems, emerging technologies
- **Reading:** Scientific articles, science magazines, and novels
- **Other Interests:** Video games

### LANGUAGES

- **Malagasy:** C2 (Native / Proficient)
- **French:** C2 (Proficient)
- **English:** B1 (Intermediate)

### Education

- 2025 - Master's Year 1 in Computer Science** - National School of Computer Science (ENI), Madagascar
- 2024 - Professional Bachelor's Degree in Engineering Sciences, Specialization: Computer Science** - National School of Computer Science (ENI), Madagascar
- 2022 - Master's Degree in Health Sciences (Public Health)** - Institute of Tropical Odonto-Stomatology (IOSTM), Madagascar
- 2013 - Doctor of Dental Surgery (DDS)** - Institute of Tropical Odonto-Stomatology (IOSTM), Madagascar
- 2007 - Baccalaureate (Science Track - Series D)** - Lycée Rakotoarisoa, Ambositra

### Additional Certificates & Qualifications

- In Computer Science :**
  - **Learning Ruby** - Grafikart.fr (CURSA)
  - **Getting Started with DevOps on AWS** - AWS Training & Certification (Certificate of Completion)
  - **Build and Deploy APIs with a Serverless CI/CD** - AWS Training & Certification (Certificate of Completion)
- Languages :**
  - **DALF C1** - Advanced French Proficiency
  - **English for Science, Technology, Engineering and Mathematics (STEM)** - MOOC 2023, U.S. Department of State
  - **Certificate of English Proficiency** - University of Toliara, English Language Training Center

### Technical Skills

- Programming Languages:** JavaScript, TypeScript, Python, Ruby, Java, C
- Frameworks and Libraries:**
  - **JavaScript:** React.js, Angular, React Native, Express.js
  - **CSS:** Bootstrap, Tailwind CSS
  - **Ruby:** Ruby on Rails, Sinatra, Hanami
- Data and Artificial Intelligence:** PyTorch, Pandas, NumPy, Matplotlib, Jupyter Notebook
- Stacks and Architectures:** MERN, PERN, MEVN, MVC
- Software Design and Methodologies:** UML, Merise, SCRUM, Agile
- Databases:** SQL (PostgreSQL, MySQL), NoSQL (MongoDB)
- DevOps and Deployment:** Docker, CI/CD principles, environment management, web application deployment
- Version Control and Collaboration:** Git, GitHub

## Professional Experience

**2024 - Present      Full-Stack JavaScript Developer (Remote) - BRO-CODING**

- Analysis, design, and development of mobile and desktop applications
- Application testing, debugging, and deployment
- DevOps-oriented approach: continuous development, testing, and deployment

**2024 - Present      Business Development Officer - ORION SARL**

- Development and implementation of a commercial growth strategy
- Partnership development and management
- Market prospecting and identification of new business opportunities
- Preparation and submission of tender and call-for-bid application files
- Commercial follow-up and client relationship management

**2022 - 2025      Public Health Manager - Orthodox Health Center "L'Annonciation"**

- Planning, implementation, monitoring, and evaluation of public health programs
- Contribution to the digitalization of health sector processes and services

**2022 - Present      Owner, Dentist and Practice Manager - Private Dental Clinic - Analamahitsy, Madagascar**

- Provision of dental, surgical, and prosthetic care within the private practice
- Management of the practice's client portfolio and patient relations
- Accounting, financial management, and operational oversight of the practice

**2013 - 2022      Dental Surgeon - Private Dental Clinic, 6 Flayelle Street, Toliara City Center**

- Delivery of dental, surgical, and prosthetic treatments within the clinic
- Client acquisition through collaboration with insurance brokers
- Quality control of dental consumables and materials used in the practice

## Additional Information

- President of the Regional Council of the Order of Odonto-Stomatologists, Atsimo Andrefana Region, Madagascar (since December 2025)
- Catholic Scout
- President of the Ailurophiles Association of the City of Toliara