

# Ela Bayoudh *Software Engineering student*

✉ elapro01bayoudh@gmail.com

☎ 29 203 089

📍 Teboulba , Monastir

📅 23/09/2002

🔗 My portfolio

🌐 Ela Bayoudh

🌐 elabayoudh

## Profile

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I'm a first-year engineering student specializing in computer engineering, eager to deepen my focus in cloud computing and data engineering in an innovative environment that fosters technical growth and hands-on experience.

## Education

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09/2024 – present Monastir	<b>Engineering Degree in Computer Engineering</b> <i>Private Higher School of Engineering and Technology of Monastir (ESPRIM)</i>
09/2021 – 06/2024 Monastir	<b>Degree in Software and Computer Science</b> <i>Higher Institute of Computer Science and Mathematics of Monastir (ISIMM)</i>
09/2017 – 06/2021 Monastir	<b>Baccalaureate Degree in Mathematics</b> <i>Pioneer School of Monastir</i>

## Professional Experience

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02/2024 – 06/2024 Sousse	<b>Internship for Final Year Project</b> <i>Pura Solutions</i> <ul style="list-style-type: none"><li>Designed and developed a cloud platform for sharing confidential accounting documents.</li><li>Implemented secure file sharing and user authentication.</li><li>Developed using Next.js, Nest.js, and Flutter frameworks.</li></ul>
07/2023 – 08/2023 Sousse	<b>Summer Internship</b> <i>Proxym-It</i> <ul style="list-style-type: none"><li>Designed and developed an online cinema booking platform using Node.js (backend) and React (frontend).</li><li>Utilized CSS for front-end design, Prisma for ORM, and MySQL for database management.</li><li>Focused on backend development, implementing REST API for user authentication, movie listing, and booking processes.</li></ul>
06/2023 – 07/2023 Ksibet el Mediouni	<b>Summer Internship</b> <i>Sancell</i> <ul style="list-style-type: none"><li>Brought together several new knowledge in the field of computer networking.</li><li>Learned about network protocols, architectures, and security measures.</li><li>Observed the configuration and troubleshooting of network devices.</li></ul>

## Projects

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02/2025 – present	<b>SportX</b> <i>Sports Management Platform – Desktop and Web Application</i> <ul style="list-style-type: none"><li>Collaborated with a team to develop SportX</li><li>Designed and implemented an admin dashboard</li><li>Programming: JavaFX, Symfony, PHP</li></ul>
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- Front-End: FXML, CSS, UI/UX
- Databases: MySQL
- Other: Team Collaboration, Full-Stack Development

02/2024 – 06/2024

### DataRoom

*Design and Development of a Cloud Platform for the Sharing of Confidential Accounting Documents (PFE)*

- Front-End: NextJs, Tailwind CSS
- Back-End: NestJs
- Database: NoSQL (MongoDB)

07/2023 – 08/2023

### SeatFlix

*Design and Development of an Online Cinema Booking Platform (Internship ProxymIT)*

- Front-End: HTML, CSS
- Back-End: NodeJS/ExpressJS
- Database: MySQL + ORM: Prisma

01/2022 – 02/2022

### E-Learning Platform

*Design and Development of an E-Learning Platform*

- Front-End: HTML/CSS
- Back-End: PHP
- Database: MySQL
- UML Design

## Skills

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### Programming :

Java, JavaFX, JavaScript, Python, PHP

### Front-End Development:

HTML, CSS, FXML

### Frameworks:

Symfony, Next.js, Nest.js, Node.js

### Databases:

MySQL, MongoDB, Doctrine

### DevOps & Tools:

Git, Docker

### Soft Skills:

Leadership, Team Collaboration, Problem-Solving

## Languages

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Arabic

French

C1

English

B2

## Courses

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03/2025

### Supervised Learning with Scikit-Learn

*DataCamp*

- Learned to build and tune predictive models using Scikit-Learn.
- Worked with real-world datasets to classify data and make predictions.
- Covered topics like model training, hyperparameter tuning, and evaluation.

04/2025

### AI-900: Microsoft Azure AI Fundamentals

*DataScientist.fr – Prepared by Hatim CHAHDI, PhD*

- Practice Exam & Preparation Video
- Covered key AI concepts and Microsoft Azure AI services through a structured practice exam and detailed explanations.

## Awards

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30/12/2024

### First Place-GreeNovation Hackathon

*Organized by ESPRIM*

Collaborated with a team to develop EasyLex, an AI-powered educational support tool for children with dyslexia, and we presented the project to a panel of judges, securing 1st place among competing teams.

## Interests

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- Sports
- Camping
- Robotics
- Community Involvement
- Learning Languages

## Organisations

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11/2024 – present

### Club Sci Data , ESPRIM [🔗](#)

*Team Member*

Actively participate in club activities and initiatives - Engaged in multiple training sessions on Machine Learning and Cloud Computing to enhance technical skills.

01/2017 – present

### Scout Tunisia

*Scout Leader*

Leader in Teboulba Scout group Since 2017 - I have passed several Leadership training courses

11/2021 – 01/2024

### Club CPU Isimm

*Office Member*

President - Robotics trainer - Planning and managing the club activities - Responsible for the integration of new members