

# MAZEN MOHAMED ALI

Frontend Developer • React — AI/ML-aware — Competitive Programmer

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## PROFESSIONAL SUMMARY

Frontend developer specializing in **React**, with a strong computer-science foundation (**C++**, **OOP**, **data structures & algorithms**) and active competitive-programming experience (**Codeforces**, **ECPC finalist**). I build fast, accessible, and maintainable web interfaces that integrate **ML/AI services**. Experienced mentor and problem setter (**ICPC MNU**), delivered multiple production-quality React applications for companies, communities, and non-profits.

**Goal:** Seeking a Frontend role to deliver high-quality user experiences and collaborate with AI/backend teams.

## PROJECTS

### Smart Badya — AI / Computer Vision Company Site

Freelance Project

📅 2025    📍 Remote

- Built a large-scale professional website using **WordPress** for an AI / Computer Vision company.
- Included multiple pages: demo galleries, AI project showcases, admin content management, and client integrations.
- Focused on responsive design, content organization, and SEO optimization.

### ICPC MNU Community Website

Personal / Volunteer

📅 2025    📍 Minya, Egypt

- Community platform with contest pages, problem lists, member registration, and CMS-style updates.
- Built with React; actively maintained and updated.

### Community E-commerce Demo

Personal Project

📅 2025

- Product listing, cart flows, and checkout UI (mocked backend).
- Responsive and accessible SPA architecture.

### Note App (CRUD)

Personal Project

📅 2025

- Developed with **React** using clean, maintainable code and a focus on user-friendly, visually pleasing design.
- Smooth single-page experience with local persistence and elegant UI.

### Nagasaki Mosque Website (Japan)

Freelance

📅 2025    📍 Remote

- Multilingual site with events, donations, and contact features.
- Built to professional standards with React and responsive UI.

### ML Project — Blood Pressure Predictor

Academic / NTI

📅 2025

- ML model, evaluation, and Streamlit demo site showcasing predictions.
- Demonstrated data handling, model evaluation, and interactive deployment.

## TECHNICAL HIGHLIGHTS

- React
- Next.js
- JavaScript (ES6+)
- HTML5
- CSS3 / SCSS
- Responsive Design
- React Hooks
- Context API
- Fetch API
- Git / GitHub / NPM
- Vercel.app
- C++ / OOP
- Data Structures & Algorithms
- Competitive Programming (Codeforces Pupil)
- Machine Learning / Streamlit / NLP Basics
- Performance Optimization

## EDUCATION

### B.Sc. in Artificial Intelligence

Minya National University — Faculty of Computers & AI

📅 2022 – Present    📍 Minya, Egypt

- Third Year — GPA: **2.7 (High Good)**.
- Relevant Coursework: Data Structures, Machine Learning, NLP, Algorithms, AI Ethics.
- NTI Machine Learning Scholarship** — awarded scholarship for NTI's Machine Learning program (project: Blood Pressure Predictor).

# ACHIEVEMENTS

- ECPC Finalist — Advanced Competitive Programming.
- Two-time 1st place at university-level programming competitions.
- Active Codeforces competitor — **Pupil Rank 1300**.
- Mentored and trained students who advanced in contests and placements.
- Built several open-source and volunteering-based web applications.

# CERTIFICATES & COURSES

- Web AlMadrasa Diploma — Full Web Fundamentals (HTML/CSS/JS/React)
- NTI — Machine Learning Certificate (Blood Pressure Predictor Project)
- NVIDIA — Deep Learning Certificate
- ECPC Participation & Finalist Certificates
- Mustafa Saad Courses — OOP, Data Structures, Algorithms
- English Course (GF)

# MENTORSHIP & SOFT SKILLS

- Strong Communicator
- Mentorship (50+ trainees)
- Workshop Leadership
- Code Review Experience
- Team Collaboration
- Project Planning
- Iterative Delivery
- Pressure Handling

# MY LIFE PHILOSOPHY

*“No matter how many plans you make or how much in control you are, life is always winging it.”*

*From my perspective, this quote reminds me that adaptability is more powerful than control. It taught me to stay flexible, face challenges with creativity, and trust the process even when things don’t go as planned. This mindset helped me grow in both personal and technical aspects — whether solving coding problems, mentoring others, or handling real-life projects.*

# EXTRA-CURRICULAR & INTERESTS

- Active in **volunteering & tech communities**, offering free site builds.
- Enjoys social events, teamwork, and collaborative hackathons.
- Passionate about creativity, leadership, and continuous learning.
- Professional **Chess player** with achievements.
- **Football and Swimming** — national-level competitions.

# AWARDS & RECOGNITIONS

- **ECPC Finalist** — recognized for competitive programming excellence (2025).
- **Outstanding Mentor Problem Setter Award** — ICPC MNU Community (2025).
- **Top Student Projects Showcase** — NTI ML Program (2025).

# MY FUTURE

- **Frontend:** Build large-scale, production-grade React/Next.js projects; join a company long-term to gain product-level experience in performance, accessibility and scalable component architecture.
- **Problem Solving:** Level up in competitive programming — target advancing in ICPC/ECPC rounds within the next year and steadily improve my Codeforces rating through regular practice and contest training.
- **AI & Deep Learning:** Complete advanced deep-learning coursework, build and deploy practical models (including chatbots and inference-backed front-end demos), and continuously integrate new ML tools into my projects.
- **Freelancing & Portfolio:** Deliver standout freelance projects that I’m proud of, showcase them as polished case-studies, and grow a portfolio that opens both product and client opportunities.
- **Mentorship & Growth:** Keep mentoring students, run workshops, and contribute to open-source/community initiatives while learning leadership and engineering best practices on real teams.

*Overall goal:* become a well-rounded frontend engineer who bridges product-quality UI and applied AI, while competing at a high level in algorithmic contests and contributing to the developer community.

# LANGUAGES

- Arabic: Native
- English: High Good (GF Certified)