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Salah Amr Salah
Back-End Developer (Using Node.js)

LinkedIn: salah-amr
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Codeforces: SalahJCP

ABOUT
- Back-End Developer specializing in Node.js with hands-on experience in JavaScript, MongoDB and MySQL.
- Experienced instructor and mentor with structured teaching methodology.
- Strong problem-solving background with 1400+ problems solved on Codeforces.
- Solid understanding of OOP, Data Structures, Algorithms, and Databases.

SKILLS
- **Technical Skills:**
  - Languages: JavaScript *(ES6+)*, C++ *(strong)*, C# *(basic)*, Java *(basic)*
  - Web: HTML, CSS, Node.js, Express, REST APIs
  - Databases: MySQL, MongoDB
  - CS Fundamentals: OOP, Data Structures, Algorithms
- **Tools:** Git, GitHub, Postman, Debugging
- **Soft Skills:** Mentoring, Teaching, Team Collaboration, Presentation

EXPERIENCE
- **C++ Instructor (Freelance)**
  Jan 2023 – Present | Minya, Egypt (Online)
  Delivered structured C++ training sessions, each focused on a specific topic.
  Maintained small groups (max 5 participants per session).
  Covered C++ basics, problem solving, and applied programming.
  Guided projects like Lights Out and Sudoku Checker.
  Provided continuous feedback and mentoring.

EDUCATION
- **Bachelor's in Information Technology**
  Minya University, 10/2022 – 06/2026
  Minya, Egypt
- **Course:** Back-End Development with Node.js (Coach Academy)

LANGUAGES
- Arabic
- English

PROJECTS
- **Posts-App:**
  Full-stack app using Node.js and React to manage posts (CRUD, like, save).
- **CRUD:**
  Node.js app with full CRUD operations.
  Repo: github.com/Salah-Amr/CRUD
- **Library System:**
  C++ OOP-based library system.
  Repo: github.com/Salah-Amr/LibrarySystem

VOLUNTEER EXPERIENCE
- **Technical Member & Basics Instructor – GDG Minia (Volunteer)**
  Jan 2024 – Present | Minya, Egypt
  Delivered beginner sessions on programming fundamentals.
  Helped organize tech events and mentored members.
  Contributed to content creation and preparation.
- **Online Instructor & Mentor – ICPC Minya (Volunteer)**
  2022 – 2024 | Minya, Egypt
  Created and delivered a CP course for 250+ students.
  Mentored 4 groups (25 students), supported contests.

REFERENCES
C++ Course Feedback   Sudoku Validation Checker – Student Project