

# Hoda Samir Touny Mohammed

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## Education

**Bachelor of Computer Science** 2021/09 – present  
*Faculty of Computers and Artificial Intelligence, Cairo University*  
GPA 3.38

## Experience

**CMRDI - Internship** 2024/08 – 2024/09  
*Web Developer*  
Developed CMRDI's marketing website by coding and structuring content from various departments, contributing to its overall implementation.  
**Technologies:**  
PHP - HTML - Bootstrap - Javascript

## Graduation Project

**CareerTkof** 2024/09 – present  
An AI-powered job preparation platform designed to bridge the gap between academic learning and job market demands. The platform offers AI-driven mock interviews with intelligent feedback, CV scoring based on ATS standards and job descriptions, technical assessments (MCQs and problem-solving), and mentorship opportunities.  
**My Responsibilities:**  
- Contributed to designing the overall **system architecture**.  
- Participated in creating key **backend design diagrams**, including the Entity Relationship Diagram, Domain Class Diagram, Class Diagram, and Sequence Diagram.  
- Currently working on **database development and backend implementation**, with a focus on building scalable and efficient API services.  
**Technologies:** **Backend:** Node.js & FastAPI    **Frontend:** React.js & Redux    **Database:** PostgreSQL & Google Cloud

## Projects

**Eclipse**   
Contributed to the development of an interactive e-learning platform with functionalities such as user management, course creation, enrollment tracking, payment processing, and an admin dashboard.  
**Responsibilities:**  
- Developed and maintained the frontend and backend of the admin dashboard.  
- Designed and integrated the backend authentication system with user management.  
- Created and integrated teacher management features on both frontend and backend.  
- Implemented email notifications for payment process simulation.  
- Secured APIs using authentication middleware.  
**Technologies:**  
- Frontend: React.js    Backend: Node.js    Database: MongoDB

**Employee Management System**   
Developed an employee management system with features such as employee CRUD operations, search, and filtering.  
**Technologies:**  
- Frontend: React.js    Backend: Node.js    Database: JSON File

**SmartHire** In Progress  
Developing a full-stack application that enables recruiters to automate CV filtering and candidate shortlisting. The system allows recruiters to log in securely using Google Authentication, submit job requirements, and retrieve candidate CVs. It parses and extracts relevant data from resumes, evaluates them against job descriptions using Gemini AI, and returns the top 5% of candidates ranked by relevance.  
**Technologies:**  
- Frontend: React.js    Backend: Node.js    Database: MongoDB    AI : Gemini API

## Courses

**React Web Developer** 2024/04 – 2024/10  
*ministry of communications and information technology*  
- Acquired hands-on experience in **React.js**, **Node.js**, and **MongoDB** through comprehensive training and practical projects.  
- Completed a freelance task, *Travel Itinerary Planner*, with features including itinerary import/export (CSV/JSON) and sharing via copy, email, Twitter, and WhatsApp.

## Skills

<b>Web Development</b> - <b>Frontend:</b> HTML, CSS, JavaScript, Bootstrap, React.js - <b>Backend:</b> Node.js, Basics Springboot	<b>Programming and Development</b> - <b>Languages:</b> C++, Java, Python, PHP - <b>Principles:</b> Object-Oriented Programming (OOP), SOLID Principles - <b>Core Skills:</b> Algorithm Design and Analysis, Data Structures, Design Patterns	<b>Database and Tools</b> - <b>Databases:</b> SQL Server, MongoDB - <b>Version Control:</b> Git, GitHub
<b>Soft Skills</b> - Teamwork, Communication, Adaptability, Problem-Solving		

## Certificates

- Intermediate SQL - HackerRank     - HCIA AI - Huawei