

Ahmed Hani Fathi

Software Development (Full-Stack & Data Analysis) & IT Specialist

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About Me

Hello, my name is Ahmed Fathy, I specialize in developing practical **web software** that provides the required solution for business and new ideas. I have experience in different and diverse fields in creating classification and **data analysis** software and I understand administrative tasks with the standards required by start-up and SME organizations. I can understand **customer needs**, solve technical issues, ensure customer satisfaction with various services, communicate effectively with different cadres, and have a collaborative team spirit and productivity with the **right approach**.

I am an innovative developer of **operating systems** and **management software** and have a passion for building robust and scalable applications and ideas. I have a proven ability to translate requirements into efficient and secure code. Proven track record of success in independent projects and collaborative environments. I hold technical, executive and technical development and training certifications and am keen to join a team of talented people, contribute to projects and create solutions for startups.

Gained valuable experience working with two companies, enhancing practical skills, **market knowledge**, creative solutions, and collaboration **with different teams** in diverse environments.

Founder of *Infinite University*, an educational **website** specializing in providing students with multiple degrees such as Masters and PhDs

EDUCATION

Information system management

2018 – 2022 | 3.5, Egypt

Cairo University.

I studied for four years different subjects in management, software or management information systems and graduated in a period full of technical challenges. Before that, I independently completed a graduation project that worked on storing data in a database that interacts with a website that can be searched from within the database tables (GRUD).

Graduation after passing the exams with a very good grade.

Excellent project score.

Three Advanced Diplomas in Web and Data Programmers

2023 – 2024 | 98%, Egypt

ALX, Udemy, Coursera, ITI, Route Center.

I have made significant progress in my career by completing a comprehensive set of diplomas and courses in the field of programming and web development technologies. My achievements include specialized diplomas in web design and development, giving me strong skills in core programming languages and modern frameworks.

In addition, I have expanded my expertise to include digital marketing and data analytics. I have successfully completed advanced courses in statistical analysis tools and data processing techniques, giving me a deep understanding of how to extract valuable insights from big data.

This combination of technical and analytical skills makes me uniquely qualified to meet the challenges of the rapidly evolving world of technology. I am proud of what I have achieved so far, and I am constantly looking forward to developing my skills and keeping up with the latest trends in technology and digital marketing.

Graduation after passing the exams with a very good grade.

EXPERIENCE

1. IEAtd Academy **Software Development** 2024 – PRESENT | Giza. 6th of October, Egypt

I focus my work in my company on 4 main areas:

Technology and software solutions: Developing and implementing technology solutions.

Effective marketing: Managing a team of 10+ members, creating 5+ workshops, and generating innovative ideas.

Innovation and Psychology: Utilize human psychology to stimulate creativity and generate 3+ profitable solutions.

Collaboration and Coordination: Coordinate between 8 departments, resolve issues, and attend more than 15 meetings per month.

Through this trip, I gained extensive experience in business management and understanding of content marketing, technology solutions, and sustainable ideas.

2. **(IT Specialist)** 2023 – 2023 | Giza. 6th of October, Egypt

My tasks at **B-Connect** are technical and engineering support for the company to develop and manufacture systems to help them create sales management software in pharmacies and then perform tasks that include the routine work of traffic, making sure the work is done properly, fixing bugs, checking the actual services and replacing them with more useful ones by providing a comprehensive proposal and stimulating the initial step of the idea.

3. **Kazan** 2022– 2023 | Giza, 6 of October, Egypt

Different Data Entry Specialist

- Determine inputs according to stores
- Determine the outputs according to operation
- Inventory review and determine heights and tuning
- Determination of the balance according to the periodic inventory

Efficiently entered and verified large volumes of data into electronic databases, ensuring accuracy and adherence to established data entry standards.

4. **Cold Stone** 2023 | Giza, 6 of October, Egypt

Operations Coordinator

- Coordinate and manage operational activities to ensure efficiency and smooth workflow.
- Assist in the development and implementation of operational policies and procedures.
- Monitor and analyze operational data to identify areas for improvement and make recommendations.
- Communicate and collaborate with various departments and stakeholders to ensure alignment and effective execution of operational plans.

Creating reports on commitments and important texts, along with statistics for determining the budget and creating tools to assist in this.

SKILLS

Data analysis

- * Use Python to process and analyze data
- * Use libraries such as Pandas for statistical analysis
- * Use NumPy for complex calculations
- * Create graphs using Matplotlib or Plotly.

Web development

- * Create a front-end user interface using HTML, CSS, and JavaScript
- * Use Bootstrap and SCSS to design an attractive and responsive interface
- * Apply a JavaScript framework such as React or Vue.js to manage application state and optimize performance

Artificial Intelligence

- * Integrate AI and machine learning algorithms into the data analysis process
- * Use libraries such as scikit-learn or TensorFlow for prediction and classification.

Data visualization

- * Use JavaScript to interactively display the results of data analysis
- * Use libraries such as Chart.js or D3.js to create interactive graphs
- * Display results as text or graphs as needed.

Projects

1. E-Commerce Platform

- **Description:** Developed a fully functional e-commerce platform using React and Node.js. The platform includes features like user authentication, product search, shopping cart, payment integration, and order management. The website is optimized for performance and SEO, ensuring a smooth user experience.
- **Status:** Successfully launched and currently in use by over 10,000 customers.

2. Custom CRM System

- **Description:** Built a custom Customer Relationship Management (CRM) system for a mid-sized business using Django and PostgreSQL. The system allows the business to track leads, manage customer interactions, and generate detailed reports. It also integrates with external email and messaging platforms for seamless communication.
- **Status:** Deployed and in use, leading to a 20% increase in sales efficiency.

3. Online Learning Platform

- **Description:** Developed an online learning platform using Laravel and Vue.js. The platform features course management, user registration, payment gateway integration, and a responsive design. It supports video streaming, interactive quizzes, and progress tracking for students.
- **Status:** Currently live, with over 50 courses and 5,000 active users.

4. Corporate Website Redesign

- **Description:** Led the redesign of a corporate website for a leading technology company. The project involved modernizing the UI/UX, improving the site's accessibility, and integrating a content management system (CMS) for easy updates. The redesign resulted in a more engaging user experience and better conversion rates.
- **Status:** Completed and live, with positive feedback from stakeholders and users.

COURSES

1- Front End Developer 2022 – 2022 | Online **HTML & CSS & JavaScript & Frameworks** [Single page](#).

Coursera

Learn modern HTML5, CSS3 and JavaScript language and Responsive web and web design by building a stunning website, Includes flexbox and CSS Grid. **Bootstrap**

2- Back End Developer 2022 – 2023 | Online **python & Create server & Database**.

Coursera

Learn Create a back-end structure for dynamic sites and static web how to create an environment for the site and prepare appropriate databases in addition to maintenance and updating.

3- Cisco material Network 2022 – 2022 | Online **CCNA & CCNP**.

Cisco site

I learned the basics of networks and how to create a local network without malfunctions, the ability to connect all devices, protection, adherence and powers for each employee.

Voluntary activities

1. Name of the activity: Develop an event management app for a non-profit organization

Description: I developed an event management app for a non-profit organization using Flutter and Firebase. The app helps with event organization, registration, and attendance tracking. The app has been used for more than 20 events, helping the organization improve time and resource management.

Time period: March 2023 - June 2023

Skills acquired: Mobile app development, project management, working with application programming interfaces (APIs)

2. Name of the activity: Analyze data to improve marketing campaigns for an environmental organization

Description: I worked as a volunteer to analyze marketing campaign data for an environmental organization using Python and Pandas. I provided reports and analysis that helped the organization improve audience targeting and reduce costs. Based on the analysis, the effectiveness of the campaigns increased by 30%.

Time period: November 2022 - February 2023

Skills acquired: Data analysis, report writing, use of data analysis tools (Pandas, NumPy)

Languages

Arabic: Native

English: Above average