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1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4      <meta charset="UTF-8">
5      <meta name="viewport" content="width=device-width, initial-scale=1.0">
6      <meta http-equiv="refresh" content="10">
7      <title>My resume</title>
8      <link rel="icon" type="x-icon" href="2-resume-icon.ico">
9  </head>
10 <body>
11     <main>
12         <section>
13             <h1>Karim Ghazy</h1>
14             <h3>Aspiring DevOps Engineer | Backend Developer | ML Engineer</h3>
15
16             <p>Alexandria, Egypt | <a href="mailto:karim.ghazy.eng@gmail.com">karim.ghazy.eng@gmail.com</a> | +20 100
645 6806 | <a href="https://www.linkedin.com/in/karim-ghazy/">linkedin.com/in/karim-ghazy</a> | <a
href="https://github.com/Karimskee">github.com/Karimskee</a></p>
17             <p>2nd-year Information Systems student with practical project experience in Web Development and
Artificial Intelligence</p>
18         </section>
19
20         <section>
21             <h2>Summary</h2>
22
23             <hr>
24
25             <p>
26                 Active student with experience across multiple domains, focusing on Backend Development and Machine
Learning
27                 Engineering. Developed 3 website backends using REST APIs and third-party libraries. Built flexible
ML pipelines and
28                 developed high-accuracy models, including configuration-driven preprocessing. Participated in
multiple programming
29                 competitions. Led small project teams and presented work in academic and professional contexts.
30                 Currently pursuing internship opportunities and hands-on projects to apply and expand technical
skills.
31             </p>
32         </section>
33
34         <section>
35             <h2>Experience</h2>
36
37             <hr>
38
39             <div>
40                 <header>
41                     <h3>Back-End Trainee</h3>
42                     <p>Student Web Development Team – FCAI USC</p>
43                     <p>June 2025 - Present</p>
44                 </header>
45
46                 <footer>
47                     <ul>
48                         <li>Completed over 14 back-end development tasks, maintaining a delivery rate of 7 tasks per
week and increasing teams atisfaction by 25%.</li>
49                     </ul>
50                 </footer>
51             </div>
52
53             <div>
54                 <header>
55                     <h3>Competitive Programmer Trainee</h3>
56                     <p>ICPC USC Training Community – FCAI USC</p>
57                     <p>October 2024 – Present</p>
58                 </header>
59
60                 <footer>
61                     <ul>
62                         <li>Acquired advanced proficiency in over 16 competitive programming topics and techniques,
including Stress Testing, Dynamic Programming and Graphs, using the C++ language at an advanced level.</li>
63                         <li>Achieved a second place ranking in the community team contest, outperforming more
experienced teams.</li>
64                         <li>Secured 1st position in level 1 qualification contest.</li>
65                     </ul>
66                 </footer>
67             </div>
68
69             <div>
70                 <header>
71                     <h3>Entrepreneurship Intern</h3>
72                     <p>InnovEgypt – Hybrid</p>
73                     <p>September 2025</p>
74                 </header>
```

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75         <footer>
76         <ul>
77             <li>Contributed to the development of a potential startup by conducting 1 in-depth business
78 owner interview, brainstorming 3 innovative ideas aligned with Egypt Vision 2030.</li>
79             <li>Managed technical tasks from creating a brainstorming map to building a 5-page functional
80 website prototype, improving team efficiency by 30%.</li>
81             <li>Supported the delivery of a compelling 4-minute final pitch, securing second place among
82 8 competing teams.</li>
83         </ul>
84     </footer>
85 </div>
86
87 <div>
88     <header>
89         <h3>Machine Learning Intern</h3>
90         <p>National Telecommunication Institute (NTI) – Online</p>
91         <p>August 2025 – September 2025</p>
92     </header>
93
94     <footer>
95         <ul>
96             <li>Designed supervised and unsupervised ML models, achieving over 95% accuracy on test
97 results.</li>
98             <li>Visualized a 2,000-record clustered dataset in 3D using the DBSCAN algorithm.</li>
99             <li>Built a flexible regression pipeline using 11 pre-built regression models and Boolean
100 preprocessing switches for compatibility with any regression dataset, contributing to an overall program score of
101 97.5%.</li>
102         </ul>
103     </footer>
104 </div>
105
106 <div>
107     <header>
108         <h3>ECPC Participant</h3>
109         <p>Egyptian Collegiate Programming Contests – AASTMT</p>
110         <p>August 2025</p>
111     </header>
112
113     <footer>
114         <ul>
115             <li>Collaborated with a team to solve 4 problems; ranked 6th out of 24 FCAI USC teams and
116 44th out of 207 on day 3.</li>
117         </ul>
118     </footer>
119 </div>
120 </section>
121
122 <section>
123     <h2>Education</h2>
124
125     <hr>
126
127     <div>
128         <header>
129             <h3>University of Sadat City (USC)</h3>
130             <p>Bachelor of Information Systems</p>
131             <p>September 2024 – Present</p>
132         </header>
133
134         <footer>
135             <h3>Relevant Coursework</h3>
136             <p>Programming with C++, Information Systems, Management, Computer Networks.</p>
137
138             <h3>Activities</h3>
139             <ul>
140                 <li>Provided technical support to the Faculty Student Union for 2 coding competitions.</li>
141                 <li>Gave a top-ranked presentation on the role of data scientists, outperforming more than 20
142 competing teams.</li>
143             </ul>
144         </footer>
145     </div>
146 </section>
147
148 <section>
149     <h2>Relevant Online Coursework</h2>
150
151     <hr>
152
153     <div>
154         <header>
155             <h3>Getting Started with Deep Learning</h3>
156             <p>Nvidia – Online</p>
157             <p>August 2025</p>
158         </header>
```

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152         <footer>
153         <ul>
154             <li>Refined and validated a convolutional neural network using TensorFlow Keras via data
155 augmentation and hyperparameter tuning, achieving 93% test accuracy.</li>
156         </ul>
157     </footer>
158 </div>
159
160 <div>
161     <header>
162         <h3>CS50P Introduction to Programming with Python</h3>
163         <p>Harvard University – Online</p>
164         <p>July 2025 - August 2025</p>
165     </header>
166
167     <footer>
168         <ul>
169             <li>Implemented 40+ Python programs covering loops, exceptions, file I/O, regular
170 expressions, and OOP.</li>
171             <li>Programmed a hospital simulation terminal application using Python, utilizing different
172 Python libraries and techniques.</li>
173         </ul>
174     </footer>
175 </div>
176
177 <div>
178     <header>
179         <h3>CS50X Intro to CS and Programming</h3>
180         <p>Harvard University – Online</p>
181         <p>June 2023 - July 2023</p>
182     </header>
183
184     <footer>
185         <ul>
186             <li>Solved 30+ problem sets covering C, Python, Flask, REST APIs, SQL, HTML, CSS, JavaScript,
187 data structures, and algorithms.</li>
188             <li>Developed 3 full-stack websites aligned with course expectations and best practices.</li>
189         </ul>
190     </footer>
191 </div>
192 </section>
193
194 <section>
195     <h2>Skills</h2>
196
197     <hr>
198
199     <div>
200         <header>
201             <h3>Technical Skills</h3>
202         </header>
203
204         <footer>
205             <ul>
206                 <li><strong>Languages & Libraries:</strong> Python (Pandas, NumPy), C/C++, scikit-learn,
207 TensorFlow / Keras</li>
208                 <li><strong>Machine Learning:</strong> Pipelines, Feature Engineering, Regression /
209 Classification / Clustering, Supervised Learning / Unsupervised Learning, hyperparameter tuning, model evaluation,
210 Model Deployment, Deep Learning, Neural Networks / CNN</li>
211                 <li><strong>Backend & Web:</strong> Flask, REST APIs, SQL, HTML, CSS, JavaScript,
212 Bootstrap</li>
213                 <li><strong>Workflow & Tools:</strong> Version Control (GitHub)</li>
214                 <li><strong>Data:</strong> Data Preprocessing, Data Visualization, Exploratory Data Analysis
215 (EDA)</li>
216             </ul>
217         </footer>
218     </div>
219
220 <div>
221     <header>
222         <h3>Soft Skills</h3>
223     </header>
224
225     <footer>
226         <ul>
227             <li>Continuous Learning</li>
228             <li>Creativity and Innovation</li>
229             <li>Collaboration and Teamwork</li>
230             <li>Communication and Presentation Skills</li>
231         </ul>
232     </footer>
233 </div>
234 </section>
235
```

```
228     <section>
229         <h2>Languages</h2>
230
231         <hr>
232
233         <ul>
234             <li><strong>Arabic:</strong> Native proficiency</li>
235             <li><strong>English:</strong> Professional working proficiency</li>
236         </ul>
237     </section>
238 </main>
239 </body>
240 </html>
```