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# Nasim Hossain

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## EXPERIENCE

<b>Junior Software Engineer</b> <i>Dynamic Solution Innovators (DSi)</i>	Jan 2025 – Present
<ul style="list-style-type: none"><li>Developing <i>EARN MIS</i>, an education platform for local BD government serving approximately 1M beneficiaries, working as backend engineer with <b>ASP.NET</b> framework.</li><li>Implementing DevOps practices using GitHub Actions for CI/CD pipeline automation and deployment workflows.</li><li>Previously contributed to <i>Olwel</i>, a healthcare service platform built with <b>Python/Django</b> – managed cloud infrastructure on <b>AWS (EC2, S3, IAM)</b>, maintained production, and provided technical support.</li></ul>	

<b>Programming Instructor</b> <i>Dept. of CSE, Jahangirnagar University</i>	Feb 2023 – Aug 2024
<ul style="list-style-type: none"><li>Taught C, C++, data structures, and algorithms for competitive programming to CSE and IIT juniors.</li><li>Organized contests, mentored students, judged events, and set problems (e.g., CodeElevate Camp 2023).</li><li>Volunteered at NCPC 2023 – cultural team lead, game section manager, and media section participant.</li></ul>	

## EDUCATION

<b>Jahangirnagar University</b> <i>B.Sc in Computer Science and Engineering – CGPA: 3.46/4.00</i>	Savar, Dhaka <i>Feb 2019 – May 2024</i>
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## CERTIFICATIONS

<b>Red Hat Certified System Administrator (RHCSA)</b> <i>Red Hat – Credential ID: 250-195-955</i>	Dec 2025 <i>Expires: Dec 2028</i>
<b>Introduction to Database with SQL</b> <i>CS50, Harvard University</i>	Dec 2024

## TECHNICAL SKILLS

<b>Languages &amp; Frameworks:</b> Python, C/C++, Java, JavaScript, HTML/CSS, <b>ASP.NET</b> , Django, Odoo
<b>Databases &amp; Tools:</b> MySQL, RethinkDB, Git & GitHub, GitHub Actions, Docker
<b>Cloud &amp; DevOps:</b> AWS ( <b>EC2, S3, IAM</b> ), Azure (preparing for AZ-104), CI/CD, <b>Red Hat Linux</b>
<b>Concepts &amp; Other:</b> OOP, Problem Solving, Data Structures, Algorithms, Machine Learning, Linux, LaTeX

## COMPETITIVE PROGRAMMING

<b>Onsite Contests</b>
<ul style="list-style-type: none"><li>ICPC Asia Dhaka Regional Contest 2022 – 74th Place</li><li>ICPC Asia Dhaka Preliminary Contest 2022 – 54th Place</li><li>ICPC Asia Dhaka Regional Contest 2023 – 135th Place</li><li>ICPC Asia Dhaka Preliminary Contest 2023 – 96th Place</li></ul>
<b>Online Platforms</b>
<ul style="list-style-type: none"><li>Codeforces (imnasim3.1415) – Max rating: 1502, 1500+ problems solved</li><li>CodeChef (imnasim3.1415) – Max rating: 3* (1720)</li><li>UVa (imnasim3.1415) – 300+ problems solved</li><li>VJudge (nasim_28_391) – 700+ problems solved</li></ul>

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## PROJECTS

<b>Hospital Management System</b>   <i>Django, HTML, CSS, MySQL, JavaScript</i>	[GitHub]
<ul style="list-style-type: none"><li>Developed web application for hospital operations and patient records with TDD, CI/CD, and Agile Scrum methodology.</li></ul>	
<b>Predicting Song Popularity by Analyzing Audio Features of Spotify Bengali Tracks</b>	[GitHub]
<ul style="list-style-type: none"><li>Machine Learning project using Python, Pandas, NumPy, Spotify Web API, and ML algorithms.</li></ul>	