

# Deepika Bhukya

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## **Objective**

Motivated and detail-oriented fresher with strong technical expertise in SQL, programming, automation tools, and web technologies. Eager to leverage analytical, problem-solving, and technical skills to contribute to delivering innovative solutions and improving process efficiency in a challenging and dynamic work environment.

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## **Education**

### **Indian Institute of Information Technology Guwahati (IIITG)**

Bachelor of Technology in Computer Science and Engineering

CGPA: 6.01

Year : 2020 - 2025

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## **Experience**

### **PwC (Digital Assurance and Transparency – Simulation)**

- Conducted client walkthroughs and performed initial control testing to assess process efficiency and compliance.
- Delivered actionable insights from test results, enhancing operational standards.
- Gained expertise in control testing methodologies and problem-solving.

### **Tata Group (Cybersecurity Analyst – Simulation)**

- Designed and implemented Identity and Access Management (IAM) strategies in a simulated environment.
- Developed platform integrations to streamline user authentication.
- Acquired hands-on experience in secure system design.

### **AWS (Solutions Architect – Simulation)**

- Designed scalable hosting architectures using AWS Elastic Beanstalk.
- Created cost-effective solutions and improved system performance.
- Verified practical knowledge in scalable system design.

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## ***Skills***

- **Programming Languages:** SQL, Python, JavaScript, HTML, CSS, C++
  - **Frameworks/Tools:** React.js, Next.js, Bootstrap, GitHub, VS Code
  - **Cloud & DevOps:** AWS Solutions Architect (Simulation)
  - **Databases:** MySQL
  - **Design Tools:** Canva, Adobe Photoshop (Basic)
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## ***Projects***

### **Image Adaptive YOLO for Object Detection in Adverse Weather**

- Designed a scalable object detection system to improve detection accuracy in adverse weather by 25%.
- Implemented preprocessing techniques and deployed solutions on edge devices for real-time applications.

### **Web-Based Code Editor**

- Developed a browser-based code editor supporting multiple languages with features like syntax highlighting and real-time output.
- Enabled seamless writing, editing, and debugging for developers.

### **Employee Management System**

- Built a system to streamline employee management, including attendance tracking and performance evaluation.
- Collaborated with teams to implement a user-friendly frontend using React.js.

### **Student Result Management System**

- Automated academic record management with result computation and intuitive report generation.

### **Video Streaming Platform Development**

- Designed and implemented a scalable platform with optimized playback and a seamless user experience.
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## ***Certifications***

- AWS Solutions Architecture (Simulation) — Forage (2024)
- Tata Crucible Campus Quiz — Tata Group (2024)
- Xiaomi Ode2Code 3.0 (2023)
- JavaScript Essential Training — LinkedIn Learning (2023)

- CSS Essential Training — LinkedIn Learning (2022)
  - HTML Essential Training — LinkedIn Learning (2022)
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## ***Languages***

- English (Fluent)
  - Hindi (Proficient)
  - Telugu (Native)
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## ***Interests***

- Creative Arts and Design
- Software Development and Technology Innovations
- Photography and Visual Arts
- Problem Solving and Logical Challenges
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