




# Swanand Deo

 Nagpur  +918767055952  [swananddeo3@gmail.com](mailto:swananddeo3@gmail.com)

Education	Diploma in Computer Engineering	Aug 02-2020 To Jul 15-2022 Raisoni Institute of Technology,Nagpur
	B.Tech Computer Science Engineering (Persuing)	Aug 01-2022 Symbiosis Institute of Technology, Nagpur
Technical Skills	<p><b>Programming language</b> Python, SQL, C#</p> <p><b>Backend</b> ASP.NET Core</p> <p><b>Database</b> PostgreSQL, MySQL</p> <p><b>Cloud</b> AWS(S3,CloudFront,EC2)</p> <p><b>DevOps</b> Git, GitHub Action</p>	
Work Experience	DevOps Engineer Intern	March 04-2025 Nagpur
Currently working on a cloud-based application with a strong focus on automation, scalability, and performance optimization. Spearheading the DevOps infrastructure and deployment strategy for a robust web application. Experienced in cloud computing using AWS services including: Amazon S3 for scalable storage management CloudFront for global content delivery and latency reduction EC2 for secure and resizable compute capacity to support backend operations Managing and optimizing backend architecture built with <u>ASP.NET</u> Core and PostgreSQL, ensuring high availability and secure data handling. Implementing CI/CD pipelines for automated testing and deployment, improving development lifecycle efficiency. Collaborating with cross-functional teams to monitor, troubleshoot, and enhance system performance.		
Projects	Data Analysis	Nov 04-2024
<ul style="list-style-type: none"><li>Developed a data analysis project focused on generating a comprehensive business report using Python and SQL.</li><li>Extracted and cleaned large datasets from multiple sources to ensure data accuracy and consistency.</li><li>Utilized SQL queries to retrieve, filter, and aggregate data based on business requirements.</li><li>Employed Python libraries such as <b>Pandas</b>, <b>NumPy</b>, and <b>Matplotlib</b> to perform in-depth data analysis and create visualizations.</li><li>Identified key business trends, patterns, and insights through exploratory data analysis (EDA).</li><li>Designed and presented a data-driven report that supported strategic business decision-making.</li><li>Ensured the analysis aligned with business goals, improving operational understanding and efficiency.</li></ul>		
IOT		
<ul style="list-style-type: none"><li>Collaborated with <b>Aurobindo</b> to develop an <b>IoT-based project</b> focused on real-world applications of smart technology.</li><li>Designed and implemented a <b>smart home automation system</b> aimed at improving residential convenience, safety, and energy efficiency.</li><li>Integrated multiple <b>sensors</b> (motion, temperature, light, gas) to automate key home functions based on real-time environmental data.</li><li>Developed a remote control and monitoring system, allowing users to manage devices through a centralized dashboard.</li><li>Applied hands-on skills in <b>embedded systems</b>, <b>sensor integration</b>, and <b>circuit design</b> to build a reliable and scalable prototype.</li><li>Presented the project with a detailed demonstration and report, emphasizing its practical benefits, technical implementation, and potential for real-life adoption.</li></ul>		
Certifications	<p>AWS Cloud Foundation</p> <p>AWS Cloud Security</p> <p>GCP Load Balancing</p> <p>ServiceNow Certification</p> <p>Red Hat, Oracel</p>	