SAHIL SUMAN
Bachelor of Technology
Electrical Engineering
National Institute of Technology, Agartala

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EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech., EE	National Institute of Technology, Agartala	7.8	2023 - 2027
Senior Secondary	Shri Ram Khelawan Jangi Sr. Sec. School, Kushahar, Bihar	86	2020 - 2022

PROJECTS

- **User Data App: Backend + Database servers Deployment** *Jan 2026*
  Tools: Nginx, Linux, AWS (EC2), Docker, Bash, Jenkins, Nodejs, MongoDB. [O]
  ◦ **Containerized** the full-stack application using **Docker** to ensure consistent deployment environments.
  ◦ Implemented a CI/CD pipeline using **Jenkins to automate build**, testing, and deployment workflows on a cloud-based Linux server AWS(EC2).

- **Currency-Converter: Real-time currency's values change Dashboard** *Sept 2025*
  Tools: HTML, CSS, Git, Jenkins, Docker, Kubernetes, AWS(EC2), Nginx [O]
  ◦ Containerized applications using Docker and implemented **Kubernetes manifests (Deployments, Services, ConfigMaps)** to enable scalable and fault-tolerant orchestration.
  ◦ Developed end-to-end CI/CD pipelines using Jenkins integrated with AWS EC2, Docker, and Kubernetes to automate build, testing, and deployment processes, enabling continuous delivery.

- **E-sell Bazzar - Online Inventory Shop** *Feb 2025*
  Tools: HTML, CSS, JS, Git, Jenkins, Docker, AWS [O]
  ◦ Implemented **a complete CI/CD pipeline using Jenkins** to automate the build, test, and deployment process of the Inventory-Shop web application, ensuring faster and error-free delivery.
  ◦ **Built and managed Docker images and containers** directly from Git repositories, enabling consistent environment setup and seamless deployment across stages through **AWS (EC2)**.

SKILLS

- **DevOps Tools**: Linux (Ubuntu) || Git/GitHub, Bash, Docker, Jenkins (CI/CD), Kubernetes (K8s), Ansible/Terraform(IaC) || AWS(EC2/S3/AWS CLI) || VS Code || MATLAB.
- **Programming Languages**: C, C++, Python, SQL, Bash, YAML, HTML, CSS.
- **CS Fundamentals**: Data Structures and Algorithms(DSA), OOPs, Operating Systems, Networking.
- **Cloud Fundamentals**: Cloud Networking, Cloud Service & Deployment Models, Virtualization, Cloud Databases (SQL vs NoSQL), Monitoring and Management.
- **General Skills**: Teamwork, Communication, Leadership, Event Coordination, Adaptability.

CERTIFICATION

- **AWS Certified Cloud Practitioner – Amazon Web Services** *Credential: certification*
  Certification - Feb'26 -> Feb'29
- **DevOps Fundamentals Beginners to Advanced - Udemy** *Credential: certification*
  Online Course - Aug'25
- **Oracle Cloud Infrastructure DevOps Professional - Oracle University**
  Online Course+Labs - Aug'25 -> Present

ACHIEVEMENTS

- **EY Techathon 6.0:** Advanced to Round 3, ranked Top 3.3% (Under 5000) among 150K+ teams.
- **LeetCode:** Solved 280+ DSA problems with consistent practice. *Profile: the-sahilsuman*
- **JEE Mains:** Ranked in the top 3.5% out of 1.5 million candidates.
- **Secured 2nd position at the district level** in Senior Secondary Examination.

POSITIONS OF RESPONSIBILITY

- **Cloud Project Owner :** AWS Free Tier (2-Year Hands-on Practice.) *Aug 24 - Present*
- **Freelancer at Upwork.** *Dec 25 - Present*