SHEEL GANVIR

Bhopal, Madhya Pradesh

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EDUCATION

National Institute of Technology Agartala   **2022 - 2026**
Bachelor of Technology in Electronics and Communication   *CGPA: 7.85*

Shri Maa Sai Public H S School, Balaghat
Senior Secondary (XII)   *2020 - 2021 — 93.8%*
Secondary (X)   *2018 - 2019 — 93.4%*

PROJECTS

VProfile-Application ⧉ | GitHub | *Bash, AWS Cloud Infrastructure, Maven, MySQL*

- Migrated a multi-tier Java web application to AWS Cloud using a **lift-and-shift** strategy, reducing infrastructure management effort by 50% and improving scalability.
- Automated deployment and scaling with **EC2, Auto Scaling, Load Balancer, Route 53, and S3**, ensuring high availability and cost efficiency with seamless domain management via Route 53 and GoDaddy DNS.
- Implemented **Infrastructure as Code (IaC)** and enforced security best practices with IAM roles, Security Groups, and Amazon Certificate Manager (ACM) for secure access.

AWS-AutoListIQ ⧉ | GitHub | *Bash, AWS CLI*

- Automated AWS resource listing across **14** services, including **EC2, RDS, S3, and Lambda.**
- Implemented robust **error handling** and **validation** for seamless execution even in non-ideal environments.
- Simplified AWS resource management for users by enabling region and service-based queries with a single command-line execution.

AuthGuard System ⧉ | GitHub | *React.js, Node.js, Express.js, MongoDB, JWT*

- Executed a secure login system for 100+ users with validation and error handling using **MERN**.
- Achieved 99.9% session persistence with **JWT**-based authentication and cookie storage in Express.js.
- Designed a responsive web app, optimized for 95% of devices, boosting user engagement by 30%.

TECHNICAL SKILLS

Languages	C++, C, Python, JavaScript, Bash
Technologies	HTML, CSS, Node.js, React.js, Tailwind CSS, Bootstrap, Material UI, jQuery, Express.js
Database	MongoDB, MySQL
Operating System	Windows, Linux (Ubuntu, CentOS)
Computer Fundamentals	OOPs, DSA, DBMS, Operating System, Networking, System Design
Other Tools	Git, Github, VS Code, Postman, MATLAB, VM Virtualbox, AWS, Vagrant, Figma

ACHIEVEMENTS

- Attained a maximum rating of **1544** on Leetcode, solved over **300+** coding problems. Leetcode-profile
- Secured a maximum rating of **1678** on GeeksforGeeks, completed over **200+** DSA challenges. GFG-profile
- **Winner** of CP TITANS 3.0 competitive programming contest in the college. Certificate
- **Google Cloud:** Earned **20+** skill badges and Silver League status in the Arcade program. Cloud Profile

EXTRACURRICULAR

- **Leadership:** Led team to Smart India Hackathon shortlisting. Prototype
- **Raahi Mentorship:** Built a mentorship platform and mentored students. Platform, Page
- **Physics Wallah Internship:** Subject Matter Expert, SEO Content Writer. Certificate
- **Synergz:** Built and led a team of **20+** members to collaborate on innovative projects. LinkedIn-page
- **Desh Ke Mentor:** Mentored Delhi govt. school students for 3 months. Certificate
- **YouTube Creator:** Started content creation to share knowledge and skills. Channel