Tanish Tanmay Sahoo

✉ tanishtech14@gmail.com | ☎ +91 8458005099 | 📍 Bhubaneswar, Odisha
in linkedin.com/in/tanish-tanmay-sahoo
○ github.com/tanmaytanish

EDUCATION

Silicon University   Bhubaneswar, India
Bachelor of Technology | Computer Science & Engineering   2022 - 2026

Kendriya Vidyalaya Sangathan   Cuttack, India
Secondary & Higher Secondary   2010 - 2022

TRAININGS

Ingenious-Tech World
DevOps Engineer   May 2025 - June 2025
- Focused on AWS services including EC2, S3, IAM, VPC, and Load Balancer for hands-on DevOps projects.
- Worked with Docker and Kubernetes for containerization and orchestration.
- Implemented CI/CD pipelines using CodeBuild, CodeDeploy, GitHub Actions, and CodePipeline.
- Automated infrastructure using Terraform and controlled configurations with tfvars and outputs.
- Gained exposure to DevSecOps practices using Dynatrace.

CodeBeat Placement
MERN Stack Developer   June 2024 - July 2024
- Built a feature-rich e-commerce platform with JWT authentication, product CRUD, and cart functionality using MERN.
- Designed and executed scalable RESTful APIs, integrating them with a dynamic React.js front-end, improving real-time user interactions.
- Handled application state with Redux and Context API to optimize performance and scalability.

Ingenious-Tech World
AWS Cloud Engineer   July 2023 - August 2023
- Created VPCs with subnets, route tables, internet/NAT gateways for secure network architecture.
- Configured Auto Scaling Groups and Application Load Balancers (ALB) to enable dynamic scaling and distribute traffic efficiently across EC2 instances, ensuring high availability and fault tolerance.
- Managed IAM roles, enabled MFA, and configured CloudWatch alerts for secure and reliable deployments.

SKILLS

- **Services & Platforms:** AWS (EC2, S3, CloudWatch, Auto Scaling Groups, Load Balancers, VPC, RDS, CodeDeploy, CodePipeline, CodeBuild), MongoDB Atlas, GitHub Actions, Terraform, Docker, Kubernetes.
- **Programming Languages and Frameworks:** C, Java, HTML, CSS, Javascript.
- **Frameworks & Libraries:** React.js, Node.js, Express.js, MongoDB.
- **Tools / Platforms:** GitHub, VS Code, Postman.

PROJECTS

Secure AWS CI/CD Pipeline with Terraform & DevSecOps Integration
- Provisioned a full AWS CI/CD pipeline using **Terraform** (CodePipeline, CodeBuild, CodeDeploy, IAM, S3).
- Connected **GitHub** as the source, used **CodeBuild** for testing, and deployed to **EC2** via **CodeDeploy**.
- Automated CI/CD via GitHub Actions with security tools: tfsec (Terraform) and Trivy (Docker).
- Managed **Kubernetes secrets** securely using Sealed Secrets in the deployment workflow.
- Used Terratest to validate Terraform modules and ensure infrastructure reliability.

DocMate – Doctor Appointment Booking System   ⚘ Live Demo
- Developed a full-stack application using **React.js, Node.js, Express.js, and MongoDB** to streamline healthcare appointment workflows
- Integrated **role-based authentication** and **access control** for **Patients, Doctors, and Admins**
- Enabled **CRUD operations** for users, doctors, and appointments across all roles
- Built **responsive dashboards** and interfaces using **React Router** and **Tailwind CSS**
- Added features like doctor availability toggling, appointment status updates, and admin-level management.