MANI SANKAR

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[LinkedIn](#) | [Portfolio](#) | [GitHub](#)

SUMMARY

Driven by curiosity for efficient software delivery and resilient infrastructure, I refine cloud workflows and CI/CD pipelines with precision, eager to solve complex challenges and drive innovation within dynamic engineering teams.

SKILLS

- Programming Languages: Python, C
- Web Development: HTML, CSS, Node.js, Express.js, React.js, Tailwind CSS
- Cloud Platforms: AWS
- DevOps Tools: Docker, Kubernetes, Jenkins, GitHub Actions, Grafana, Nginx, Prometheus
- Database Management: MySQL, MongoDB
- Scripting & OS: Bash, Linux
- Data Analysis: Power BI

PROJECTS

Responsive React Portfolio

Built using React, GSAP, and React Three Fiber with EmailJS integration; deployed via Docker and GitHub Actions to Netlify. Showcases projects and skills with smooth UI, 3D visuals, and automated CI/CD pipeline using Docker and GitHub Actions.

Predictive Diagnosis System

Built a Streamlit-based web app that predicts multiple diseases by symptoms and specifically (e.g., diabetes, heart, liver) using machine learning models like SVM, Logistic Regression, and XGBoost. Enabled real-time user input, symptom analysis, and disease probability output.

Optimal XI Insights – Cricket Analysis System

Analyzed cricket data from ESPN Cricinfo to recommend optimal team lineups based on real-time player performance metrics. Visualized key stats like batting averages, bowling economy, and match scores using Power BI dashboards.

EDUCATION

B.Tech in Artificial Intelligence and Machine Learning

Bannari Amman Institute Of Technology, Sathyamangalam.
Year of Completion: 2026
Secured CGPA: 7.3

Vivekam Metric Higher Secondary School,Coimbatore

- SSLC: 85%
- HSC: 84%

CERTIFICATION

- AWS Certified Cloud Practitioner - 2025
- Verizon Cloud Platform Job Simulation - 2025
- Google Cloud Fundamentals: Core Infrastructure - 2025
- HDEC Certificate – Tamil Nadu Computer Software College - 2023