TANNU NAGAR

tanunagar64@gmail.com |(+91) 6266481591 |linkedin.com/in/tannu-nagar|

PROFESSIONAL SKILLS:

Python, AWS, MySQL, Microsoft Excel, Flask, Pandas, Matplotlib, Linux, Docker, Git, GitHub, NLTK, Web Scraping, Pandas, Cloud, Non-Relational Databases, OOPS, API, EC2, AMI, S3, SQL, HTML, CSS, JS.

PROFESSIONAL EXPERIENCE:

MHTECHIN: DevOps Engineer Intern (Aug 2024 - Current)
• **Infrastructure:** Set up and managed AWS EC2 instances, leading to a 30% improvement in application uptime.
• **CI/CD:** Implemented continuous integration and continuous deployment pipelines using Jenkins and GitHub Actions, reducing code deployment time by 35%.
• **Containerization:** Worked with Docker to containerize applications, ensuring consistency across development, testing, and production environments.
• **Monitoring:** Integrated monitoring tools like Prometheus and Grafana, improving system visibility and reducing response time to incidents by 40%.
• **Networking:** Configured Nginx as a reverse proxy for multiple services, enhancing the security and performance of applications.

Contechub: Data Analyst Intern (May 2024 - Aug 2024)
• **Data Handling:** Leveraged Pandas for analysis and web scraping for data collection, handling datasets of up to 1 million rows.
• **NLP:** Applied text processing with NLTK to process and analyze over 100,000 text entries.
• **Deployment:** Containerized applications with Docker, reducing deployment time by 50%.
• **Environment:** Ran services on a Linux server for reliability and performance, achieving a 25% reduction in downtime.
• **Database:** Implemented MySQL for data storage.

ACADEMIC PROJECTS:

Book Management System: Flask-based App (Apr 2024 - May 2024)
• Dockerized application, deployed on AWS EC2, managing and tracking over 2,000 books for 150+ users.
• https://hub.docker.com/repository/docker/tanunagar1/flask-book-app/general
• docker pull tanunagar1/flask-book-app

Flatmates Web App: Flask-based App (Jan 2024 - Mar 2024)
• Enhanced communication and resource sharing among flatmates, reducing conflicts by 30%, with integrated form validation using WTForms and developing RESTful APIs for 50+ active users.

Weather Visualization: API-based Dashboard (Mar 2024 - Apr 2024)
• Used Matplotlib to return weather parameters as JSON response, processing data for 500+ cities, and providing real-time weather insights to 200+ users daily.

CERTIFICATES:
• SQL Certificate - LinkedIn Learning
• AWS Certificate - LinkedIn Learning
• Mindful Communication Certificate - LinkedIn Learning

EDUCATION:
Bansal College of Engineering, Bhopal
B.TECH in Civil Engineering (Jul 2018 - May 2022)