

TALIN DAGA

Bangalore, India

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Education

Scaler School of technology <i>Undergraduate Program in Computer Science</i>	July 24 - July 28 <i>Bangalore, India</i>
Birla Institute Of Technology And Science, Pilani <i>Bachelor of Science in Computer Science (Online)</i>	July 24 - July 27 <i>Pilani, India</i>

Projects

BANK-SERVER 🐾 <i>Python · Django · Django ORM · REST APIs · PostgreSQL · Docker</i>	Dec 25 – Present
<ul style="list-style-type: none">Designed and developed a RESTful banking backend supporting account creation, balance management, and fund transfers.Implemented transactional operations using Django ORM to ensure atomicity and data consistency during concurrent transfers.Designed normalized PostgreSQL schemas and enforced constraints to prevent invalid financial states.Containerized the application using Docker for reproducible local and deployment environments.Structured the backend into modular Django apps to improve scalability and maintainability.	
Automation system 🐾 <i>Python · Django · Automation Scripts · Git & GitHub · HTML/CSS</i>	Nov 25 – Dec 25
<ul style="list-style-type: none">Built a Django-based automation system to execute scheduled backend tasks such as email handling and utility workflows.Wrote Python scripts to automate repetitive processes, reducing manual intervention.Designed modular Django apps to keep automation logic extensible and isolated.Added basic frontend views to trigger and monitor automation workflows.	
STOCK-PREDICTION 🐾 <i>Python · Pandas · NumPy · Scikit-learn · Matplotlib</i>	Sep 25 – Nov 25
<ul style="list-style-type: none">Preprocessed and analyzed historical stock market data using Pandas and NumPy.Performed feature engineering to prepare datasets for machine learning models.Trained and evaluated regression-based models to predict stock price trends.Visualized trends and model outputs using Matplotlib for analysis.	
BLOG-GENERATOR 🐾 <i>Python · Django · HTML/CSS · Git & GitHub</i>	Jul 25 – Sep 25
<ul style="list-style-type: none">Developed a Django web application that generates blog-style text from YouTube video link inputs.Implemented backend logic to process user input and return structured text output.Built server-rendered views using Django templates to support content generation workflows.Organized the project using modular Django apps and Git-based version control.	
ECOMMERCE APPLICATION 🐾 <i>Python · Django · HTML/CSS · Git & GitHub</i>	Jul 25 – Aug 25
<ul style="list-style-type: none">Developed a full-stack e-commerce web application using Django.Implemented product catalog, cart functionality, and checkout workflows.Built secure user authentication and session management using Django authentication.Designed modular apps to separate business logic and improve code maintainability.	

Technical Skills

Languages: Python, JavaScript, SQL, Java

Developer Tools: Git, Docker, Postman, VS Code, Linux

Technologies/Frameworks: Django, Django REST Framework, React

Course Work

Operating Systems — Database Management Systems (DBMS) — Computer Networks
Data Analytics — Linear Algebra — Probability and Statistics