

Anurag Jojode

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Education

Jain University, India <ul style="list-style-type: none">MCA – Storage & Cloud Technology CGPA: 7.5	Sep 2023 - Present
St. Claret College, India <ul style="list-style-type: none">BCA – General CGPA: 7.88	Oct 2020 - Aug 2023

Skills

- Programming Languages:** Python, JavaScript, Java, C
- Web Development:** HTML5, CSS3, JavaScript, React, Node.js, Flask, Django, Tailwind CSS
- Backend & Databases:** MongoDB, MySQL, Express.js, NoSQL, SQL, PostgreSQL
- Cloud & DevOps:** AWS, Docker
- Tools & Version Control:** Git, GitHub, VS Code, PyCharm
- Software Development Concepts:** DSA, DBMS, Linux, Agile Methodologies, SDLC

Experience

Python Developer Intern Innovate Intern	Aug 2024 – Oct 2024
<ul style="list-style-type: none">Engineered and optimized Python applications, boosting system performance by 20% and ensuring scalability.Coordinated with cross-functional teams to deploy new features, cutting project delivery time by 15%.Built REST APIs and integrated third-party services, improving data processing efficiency by 30%.Strengthened backend functionality to enhance user interactions and system reliability.	

Projects

Crypto Market Monitoring System Python, FastAPI, TensorFlow, AWS, Docker, Kubernetes, Jenkins	Jan 2025 – Feb 2025
<ul style="list-style-type: none">Designed a real-time crypto monitoring platform leveraging CoinMarketCap API, enhancing data tracking by 40%.Implemented anomaly detection models using scikit-learn and TensorFlow, reducing false alerts by 25%.Automated trader notifications with AWS SNS and EventBridge, improving response times by 50%.Deployed the system using Docker, Kubernetes (AWS EKS), and Jenkins, achieving 99.9% uptime and scalability.	
House Price Prediction Using Regression Python, Scikit-learn, Flask, Matplotlib, Pandas	Nov 2024 – Dec 2024
<ul style="list-style-type: none">Developed a machine learning model with 92% accuracy using Linear Regression & Random Forest algorithms.Enhanced model performance via 50+ hyperparameter tuning iterations, reducing error margins by 15%.Built a Flask web application with a sub-2s response time, enabling real-time property evaluations.Visualized market trends and predictions using Matplotlib, improving user insight and decision-making.	
Video processing App Django, REST Framework, Celery, AWS [S3, DynamoDB]	May 2024 – Jun 2024
<ul style="list-style-type: none">Developed REST APIs for video processing, integrating AWS S3 for storage and DynamoDB for metadata retrieval.Implemented Celery for background task management, boosting processing throughput by 40%.Automated subtitle extraction using CCExtractor, achieving 98% text retrieval accuracy.Devised robust error-handling and logging systems, minimizing downtime and ensuring smooth workflows.Enforced user authentication and access control policies, securing API endpoints and user data.	

Certifications

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| <ul style="list-style-type: none">Data Science and Data Analytics - IMS ProSchoolFoundation Data Everywhere - Google | <ul style="list-style-type: none">Manual Testing - myTectraPython Full Stack - Udemy |
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Extra-Curricular

- Achieved **third place** in a college-level Hackathon event.
- Published a research paper titled **“Review of AI-Driven Cloud Optimization”** in the International Journal of Scientific Research in Engineering and Management.
- Collaborated on group projects and tech events, enhancing **teamwork** and **leadership** abilities.