

ANUSURI KANAKA DURGA ESHWAR

Database & Software Developer

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~ Portfolio: [eshuu52.github.io](https://github.com/eshuu52) | \$ GitHub: github.com/eshuu52 | > LinkedIn: linkedin.com/in/k-d-eshwar-anusuri

OBJECTIVE

To work with an organization where there is a scope for self-improvement and knowledge enhancement as a Database & Software Developer, utilizing my expertise in DBMS, Python programming, and environmental monitoring systems to contribute towards organizational growth and development.

SKILLS

Databases: MySQL, DBMS Management

Programming Skills: Python, C Programming, Java

Technical Skills: Database Management & Environmental Monitoring Systems, CAQMS (Continuous Ambient Air Quality Monitoring System), EQMS (Effluent Quality Monitoring System), CEMS (Continuous Emission Monitoring System), Data Analysis & Reporting, Automation & Scripting

Web Development: HTML, CSS, JavaScript, SQL

Tools: MS Office Suite, Adobe Photoshop, Git, GitHub, VS Code

Project Methodologies: Agile

Operating Systems: Windows (7/10/XP)

WORK EXPERIENCE

Database Management & Project Analyst

Swan Environmental Pvt Ltd | October 2022 – Present

Domain: DBMS, CAQMS Projects, EQMS Projects, CEMS Projects

Key Responsibilities:

- Managing comprehensive database systems for environmental monitoring projects with focus on data integrity and performance optimization
- Leading implementation and maintenance of Continuous Ambient Air Quality Monitoring System (CAQMS) for real-time air quality tracking
- Handling Effluent Quality Monitoring System (EQMS) projects ensuring compliance with environmental standards
- Managing Continuous Emission Monitoring System (CEMS) projects for industrial emission tracking
- Performing advanced data analysis, generating insights, and creating detailed reports for stakeholders
- Writing and optimizing Python programs for automation of data collection, processing, and reporting workflows
- Coordinating project activities, managing timelines, and ensuring successful project delivery

PROJECTS

Environmental Monitoring Database System

Description: Developed and maintained a comprehensive database management solution for environmental monitoring projects including CAQMS, EQMS, and CEMS. The system handles real-time data processing, analysis, and generates automated reports for regulatory compliance and decision-making.

- Designed and implemented efficient database schemas for handling large-scale environmental data
- Built Python automation scripts for data collection, validation, and reporting
- Integrated multiple monitoring systems into a unified database platform
- Created dashboards and visualization tools for real-time monitoring and analysis
- Ensured data accuracy and compliance with environmental regulations

Technologies Used: Python, DBMS, SQL, Data Analysis Tools

DataBox Web Application

Description: Developed a comprehensive web-based data storage application for managing photos, documents, and files with cloud integration. The application uses Google API for secure data storage and retrieval, providing users with an intuitive interface for organizing and accessing their data.

- Integrated Google API for secure cloud-based storage of photos and documents
- Built responsive front-end interface using HTML, CSS, and JavaScript
- Implemented backend functionality for data processing, upload, and retrieval
- Created interactive data visualization and file management features
- Designed user-friendly dashboard for monitoring storage metrics and file organization

Technologies Used: HTML, CSS, JavaScript, Python, SQL, Google API

Portfolio Website

Description: Designed and developed a modern, responsive personal portfolio website showcasing professional experience, technical skills, and project work with smooth animations and interactive elements.

- Created fully responsive design with modern UI/UX principles
- Implemented smooth animations and interactive features
- Optimized for performance and cross-browser compatibility
- Deployed and maintained live website

Technologies Used: HTML, CSS, JavaScript

Live Demo: <https://eshuu52.github.io>

EDUCATION

Degree	Specialization	Institution	Year	GPA
B.Sc.	M.E.Cs	Rajiv Gandhi Law PG and Degree College, Kakinada (Adikavi Nannaya University)	2022	6.57
Intermediate	M.P.C	AP Open School Society, Kakinada (Board of Intermediate Education, AP)	2019	6.40
SSC	-	Srikanth Public School, Kakinada (Board of Secondary Education, AP)	2017	8.20

SOFT SKILLS

Communication Skills, Smart Working, Self-Motivated & Self-Learning, Team Work & Leadership, Positive Attitude, Time Management, Problem-Solving

AREAS OF INTEREST

Database Management Systems, Environmental Data Analytics, Software Development, Data Automation & Scripting, Web Development, Cloud Technologies

LANGUAGES

English, Telugu, Hindi

DECLARATION

I hereby declare that all the above information given is true to the best of my knowledge and belief.

Date: _____

(Anusuri Kanaka Durga Eshwar)

Place: Kakinada