

GOBALA KRISHNAN

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<https://github.com/GKrizz>

Education

KGISL Intitute of Technology

Bachelor of Technology in Computer Science and Business Systems, CGPA: 8.23

Coimbatore

2024— Present

Ponnu Matriculation Higher Secondary School

12th, Percentage: 88.5

Dharapuram

June. 2019— Aug.2021

M.S.N Higher Secondary School

12th, Percentage: 81.2

Govindhapuram

June. 2015- Aug.2019

Relevant Knowledge

- Data Structures
- Database Management
- Algorithms Analysis
- Computer Networks
- Artificial Intelligence
- Systems Programming

Experience

Project Intern

Exposys Data Labs

July. 2023 — Aug.2023

Bengaluru

- Delved into the world of web development,crafting a personalized burger website with Django on the backend.
- Explored diverse backend servers to enhance my understanding and broaden my technical expertise.

Open Source Contribution

Hacktoberfest

- Thrilled to be contributing to open source excellence at Hacktoberfest! 🚀 Embracing the hybrid work model, I collaborate with a global community of developers, bringing my passion for software development to impactful projects. #OpenSource #Hacktoberfest #SoftwareDevelopment

Sept. 2023 — Oct.2023

Paper Published

PPG Institute of Technology

Aug. 2023

- 📄 Excited to share the news of my IEEE paper's successful publication! Titled "Development of an Automated Tool to Download YouTube Audio/Video Using Artificial Intelligence Techniques," this work represents a fusion of technology and innovation.
- 🌐 Presented at the prestigious 8th International Conference on Communication and Electronics Systems (ICCES 2023), it marks a milestone in exploring the realm of AI in multimedia.

Frontend Development

KGXperience

March .2023

Coimbatore

- "Grateful for the privilege to contribute to the prestigious OPEN SOURCE CONTRIBUTION event at KGX. 🚀 Leveraging my skills in software development, I played a part in shaping innovative solutions and collaborating with a dynamic community of developers. #OpenSource #KGXExperience #SoftwareDevelopment"

Projects

Collage Management System | SQL

- Implemented SQL queries for O(1) time complexity operations, enabling swift access and retrieval of critical information.

Dec.2022

Virtual Mouse System | Image Processing Tools, Python

- Engineered a Virtual Mouse System utilizing image processing tools and Python for seamless interaction with computing systems.

Jul.2023

- Enabled users to control the cursor without a physical mouse, leveraging innovative technology.
- Designed to interpret gestures captured by a standard web camera, providing an alternative and efficient input method.

Text Summarizer | *Natural Language Processing, Python*

Aug. 2023

- Introducing a Text Summarizer project designed to distill essential information from lengthy text, catering to students, professionals, and general readers.
- Utilizing Natural Language Processing techniques, this tool empowers users to generate concise summaries, making it ideal for condensing research papers, reports, or articles.

Soil Moisture Detection System | *ESP8266, Supabase, Streamlit*

Nov. 2023

- Developed a Soil Moisture Detection system using ESP8266 microcontroller to collect data, which is then seamlessly sent to a Supabase database.
- Implemented code to establish a connection between ESP8266 and Supabase, ensuring real-time data storage and retrieval.
- Enhanced user experience by creating a Streamlit App for visualizing and monitoring soil moisture levels efficiently.

Technical Skills

Languages : C , Java, Python, SQL (MySQL), JavaScript, HTML/CSS.
 Frameworks : React , Django.
 Developer Tools: Git, Visual Studio, PyCharm, Eclipse.
 Libraries : pandas, NumPy, Matplotlib

Extracurricular Activities

- Sharing my research on Multi-Objective Optimization at an IEEE conference.
- Earned a Full Stack Web Development Certificate from FreeCodeCamp.
- Selected participant in the "Smart India Hackathon" by AICTE in 2023.

Volunteer Experience - Mentor

- Created an environment that enabled open communication between mentor and mentee relationships through active listening techniques..
- Helped mentees become self-reliant through coaching and counseling.
- Facilitated workshops on effective communication, leadership, and career development.

Reference Project

- Burger Website
 - Repo link: https://github.com/GKrizz/Burger_Responsive_website.git/
 - Live link : https://gkrizz.github.io/Burger_Responsive_website/
- Online Customizable Burger Website
 - Repo link: https://github.com/GKrizz/Online_Customizable_Burger_Website/
 - Live link: https://gkrizz.github.io/Online_Customizable_Burger_Website/
- JavaScript Projects
 - Live link: <https://github.com/GKrizz/JavaScript-Project.git>
- Portfolio
 - Live link: <https://gkrizz.github.io/1-Portfolio/>