Gobala Krishnan

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CAREER SUMMARY

I am a passionate Java Full Stack Developer with a strong interest in web development and problem-solving. Currently serving as a Project Intern at Exposys Data Labs and a Frontend Developer at KGXperience. Crafting personalized burger websites with Django backend and exploring diverse backend servers. Actively contributing to open source projects using Python and JavaScript skills. Pursuing B.Tech in Computer Science and Business System from KGISL Institute of Technology with an exceptional academic record of 80%. Actively involved in the Computer Science Club and Tech Outreach Program, promoting technology literacy. Obtained certifications from Hacker Rank and Cisco. Recognized for participating and excelling in hackathons, developing creative solutions for real-world challenges. Additionally, served as a student mentor for 10 teams in PyExpo24, aiding them in winning advanced level projects for Rs.15,000 and receiving trophies. Skilled in effective communication and collaboration with cross-functional teams, committed to delivering high-quality results.

TECHNICAL SKILLS

Languages   : C , Python , Django , HTML , CSS , JavaScript ,Data Structures , SQL , java (basics) .

Frameworks   : Django .

Library   : React

Developer Tools : NetBeans , Git , GitHub , Visual Studio ,PyCharm , Eclipse .

PROFESSIONAL EXPERIENCE

CodSoft   **Mar / 2024 - Apr / 2024**

Project Intern

- Developed various web projects independently,including a portfolio website , a landing page for a burger website ,a calculator, online quiz maker.
- Utilized HTML,CSS, JavaScript, React and Django to build interactive and responsive web applications.
- Strengthened skills in front-end and back-end development while exploring diverse technologies and frameworks.

- Demonstrated proficiency in problem-solving, self-learning, and project management in a remote working environment.

PyExpo24   **Feb / 2024 - Feb / 2024**

Student Mentor

- Mentored 10 teams in PyExpo24 to develop advanced level projects.
- Provided guidance and support to ensure project success resulting in winning prizes worth Rs. 15,000 and receiving trophies.
- Demonstrated leadership and coaching skills to inspire teams and facilitate their learning and growth journey.

Open Source Contribution   **Sep / 2023 - Oct / 2024**

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.

ExposysDataLabs   **Jun / 2023 – Aug / 2023**

Project Intern

- 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.

PPG Institute of Technology   **Jun / 2023 - Jun / 2023**

Paper Published

- 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 Comunication and Electronics Systems(ICCES 2023),it marks a milestone in exploring the realm of AI in multimedia.

Frontend Development   **March / 2023 – March 2023**
  KGXperience
- 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.

EDUCATION

KGiSL Institute of Technology   **Coimbatore**
B.Tech in Computer Science and Business System , CGPA :8.23   2024 – Present

Ponnu Matriculation Higher Secondary School   **Dharapuram**
12th, Percentage: 88.5   June / 2019 – Aug / 2021

M.S.N Higher Secondary School   **Govindhapuram**
10th , Percentage: 81.2   June / 2018 - Aug / 2019

PROJECTS

Library Management System | Web Development, Django   **Feb / 2024**
- Spearheaded the development of a comprehensive Library Management System using Django framework.
- Implemented functionalities for cataloging books, managing user accounts, and tracking book borrowings and returns.
- Utilized Django's built-in authentication system and ORM for efficient database management and user authentication.

Image Slider | Web Development , JavaScript   **Jan / 2024**
- Developed a dynamic Project Image Slider using JavaScript and HTML/CSS for showcasing project portfolios.
- Implemented features for smooth transition between project images, enhancing user

experience.

· Designed with responsive layout to ensure optimal viewing across various devices and
  screen sizes.

Collage Management System | SQL   **Dec / 2022**

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

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 and retrieval.

· Enhanced user experience by creating a Streamlit App for visualizing and monitoring
  soil moisture levels efficiently.

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.

Virtual Mouse System | Image Processing Tools , Python   **Jul / 2023**

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

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.

ACHIEVEMENTS

· Recognized and awarded for mentoring a winning team at PyExpo24, resulting in a prize of Rs. 15,000.
· Earned a Front End Developer Certificate from FreeCodeCamp.
· Selected participant in the "Smart India Hackathon" by AICTE in 2023.
· Attended IEEE conference at PPG Institute of Technology and Won a laptop bag and keyboard as prizes during the IEEE conference.
· Secured 2nd place in the CICADA 3301 puzzle competition at Kathir College of Engineering and received a trophy for achieving 2nd place in the CICADA 3301 puzzle competition.

REFERENCE PROJECT

· Portfolio
Live Link : https://gkrizz.github.io/CODSOFT_WB_Level1_Task1_Portfolio/

· Image Slider
Live Link : https://gkrizz.github.io/Image_slider/

· StarBucks
Live Link : https://gkrizz.github.io/Starbucks_Landing_Page/

· Online Customizable Burger Website
Live Link : https://gkrizz.github.io/Online_Customizable_Burger_Website/

· Burger Website
Live Link : https://gkrizz.github.io/CODSOFT_WB_Level1_Task2_LANDING-PAGE/