# Gopikrishnan B

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## SUMMARY

Full-stack developer skilled in Next.js, React, Python, and Django, specializing in building scalable and high-performance web applications. Experienced in backend development with Express.js and creating seamless, responsive user interfaces with Tailwind CSS. Passionate about problem-solving, sustainability, and delivering exceptional user experiences.

## WORK EXPERIENCE

**Benfi Consultants Pte Ltd**                                                    July 2024 - November 2024
*Intern*

- Completed onboarding in Django and gained hands-on experience with the framework.

- Studied LLMs, including Qwen, to understand their capabilities and applications.

## PROJECTS

**DeCarb: A Carbon Credit Marketplace**                                                       Ongoing
*Final Year College Project — Finalist, SIGHT 2.0 by UST*          *Next.js, Tailwind CSS, Express.js, Solidity*

- Developed a decentralized platform for secure and transparent carbon credit trading with a user-friendly interface.

- Abstracted blockchain complexities using Web3Auth and fiat currencies, ensuring accessibility for all users.

**TEDx Saintgits**                                                                  December 2024
*Event Technology*                                              *Next.js, Tailwind CSS, Express.js, Firebase*

- Contributed to the tech team, focusing on website development for TEDx Saintgits.

- Assisted in implementing solutions to streamline ticketing and speaker coordination.

**AlertEye: Real-Time Drowsiness Detection System**                                   October 2024
*Computer Vision*                                          *Python, OpenCV, Facial Landmark Detection*

- Built a real-time system using OpenCV to detect drowsiness by monitoring facial landmarks, especially eye closure.

- Developed alert mechanisms, enhancing safety in vehicles and high-risk environments.

**DeEx3 DAO**                                                                       December 2023
*ETHINDIA'23 Blockchain Project*                                        *Solidity, React.js, Tailwind CSS*

- Created a decentralized research platform enabling seamless paper publishing and grant acquisition.

- Implemented smart contracts for secure, transparent collaboration among scientists.

## SKILLS

**Technical Skills**: Python, C, React.js, Next.js, Express.js, CSS, Tailwind CSS, HTML, MySQL, Django

**Soft Skills**: Problem-solving, Time management, Critical thinking, Adaptability

## EDUCATION

**Saintgits College of Engineering**                                               Kottayam, Kerala
*BTech. in Computer Science and Engineering — Minor in Robotics and Automation — CGPA: 8.42*     *Aug 2021 – May 2025*

**Kendriya Vidyalaya Pattom**                                           Thiruvanathapuram, Kerala
*AISSCE — Science Stream (Computer Science) — 96%*                                  *May 2020 – May 2021*

## CERTIFICATIONS

The Complete 2023 Web Development Bootcamp                                                Udemy

Programming, Data Structures, and Algorithms Using Python                                 NPTEL

Intel Unnati Summer Internship                                                   Intel Corporation