

Dharaneesh J D

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Education

B.E Computer Science and Engineering | 2020 - 2024

PSG Institute of Technology and Applied Research, Coimbatore | CGPA: 8.4

XII | 2019 - 2020

Green Garden Matric Hr. Sec. School, Erode | Grade: 83%

X | 2017 - 2018

GeDee Public School, Coimbatore | Grade: 85%

Areas of Interest

Web Development | Computer Architecture | Operating Systems | Computer Networks

Internship Experience

Software Developer Intern

SAP LABS India | 02/2023 - Present

Domain : Fullstack Webdevelopment(MERN), Blockchain(Ethereum, Polygon)

Projects

Application to detect copyright infringement in NCERT textbooks

Developed a tool that can identify whether a publication is an original or pirated version. The tool uses various characteristics of the paper, such as watermarks and quality, as well as text formatting and book dimensions to make this determination. Additionally, the tool will be able to scan the text using a mobile phone, or by inputting a file, in order to detect plagiarism within the content.

Application to detect the soil moisture using image processing

Developed a mobile application that can be used to take a picture of the soil from which a pretrained model using regression will be able to predict the moisture content of that particular part of soil in that image and will then suggest irrigation intervals with also taking all other various factors in account.

Application for the Annual technical symposium

Developed an Interactive website for the registration process of Yuktaha - The annual technical symposium of PSG iTech, where participants were able to register for various events, developed using current technologies like Node.js, MongoDB.

Achievements

Winner - Smart India Hackathon 2022 | Team: 25042 | PS: RK785

Finalist - UNESCO India Africa Hackathon 2022 | Team: UIA120 | PS: AGRI14

Certifications

The Complete Web Development Boot camp by Dr. Angela Yu from Udemy

The Complete Flutter Development Boot camp by Dr. Angela Yu from Udemy

Position of Responsibilities

Treasurer - Computer Science and Engineering Association (2022 - 2023)

Lead - In-house Software Development cell of PSG iTech

Lead - Yuktaha Website team

Sergeant at arms - Rotaract Club of PSG iTech (2022 - 2023)

Co-curricular activities

Organized various seminars and events on-behalf of various entities of PSG iTech like Department of CSE, CSE Association, CSI Students' Chapter of PSG iTech

Hobbies

Formula Motorsports

Exploring about high performance computing machines