

NITHIN S VARRIER

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EDUCATION

MES College of Engineering, Kuttippuram APJ Abdul Kalam Technological University B.Tech, Computer Science & Engineering	2020 - Present 9.68/10 CGPA
Technical Higher Secondary School, Vattankulam DHSE Kerala Higher Secondary, Kerala	2018 - 2020 95.75%
Dr. N K Mohammed Memorial MES Central School, Valanchery CBSE High School, Kerala	2018 91.6%

TECHNICAL SKILLS

Web Development: HTML, CSS, ReactJS, Zustand, ExpressJS, NodeJS, NextJS, RemixJS,

Programming: JavaScript/TypeScript, Python, SQL, C, C++, Java

Certifications:

- 100 Days of Code: The Complete Python Pro Bootcamp for 2023 - Udemy
- React (Basic) - Hackerrank
- Python (Basic) - Hackerrank
- Problem Solving (Basic) - Hackerrank
- 7 days Internet Of Things Internship - Pacelab

INTERSHIPS

IEEE Kerala Section: Frontend Developer Intern	Feb 2022 – Feb 2023
<ul style="list-style-type: none">• Collaborated with other in-house teams, including Design and Content teams to develop the "Insighter Scholarship Portal" and resolve bugs in the existing product - IEEE Mint.• Contributed to the development of user-friendly interfaces for both the scholarship portal and IEEE Mint, enhancing the overall user experience.• Ensured consistent brand adherence by overseeing the website's layout, graphics, and copy, aligning them with established design specifications.	

PROJECTS

Starlight: An image denoiser	Feb 2024
Developed a system which uses custom machine learning model to denoise images	
<ul style="list-style-type: none">• Technologies used: Python, OpenCV, Tensorflow, NumPy, Flask, RemixJS, Server Sent Events• Developed as our final year academic project• Used server sent events to efficiently stream image denoising progress• Modified and customized machine learning model (RIDNET) to effectively denoise the images using tens.	
Insightify: A result analysis report generator	Jun 2023
Collaborated in a team of four to create a web application for creating reports out of PDFs generated by KTU.	
<ul style="list-style-type: none">• Technologies used: Python, Camelot, Pandas, Streamlit• Developed as an internal tool for automating faculty work as a part of our Mini Project• Created a intuitive User-friendly interface for ease of use	
MedCare: Hospital Management System	Feb 2023
Collaborated in a team of four to create a simple PHP hospital management application.	
<ul style="list-style-type: none">• Technologies used: PHP, MySQL, AlpineJS• Created user-friendly interfaces to create appointments by patients and for doctors to diagnose the patients	
The Note App	Aug 2022
Developed a simple note taking web application.	
<ul style="list-style-type: none">• Technologies used: ReactJS, MobX State Tree, JavaScript, Firebase, Material UI• Developed interface to create notes under a topic and to create topics under a subject.	
Gaana Downloader	Mar 2019
An CLI application which could download gaana.com streams and save it as mp3	
<ul style="list-style-type: none">• Technologies used: C++, RapidJSON, ID3• Spoofs as gaana player to get stream URL for a given track and then concatenates all MPEG-TS files returned to a MP3 along with their meta data like:<ul style="list-style-type: none">– Author Name– Album	