Gidijala Dinesh Surya

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EDUCATION

NATIONAL INSTITUTE OF TECHNOLOGY, KURUKSHETRA
Bachelor of Technology, Electronics and Communication Engineering
Nov 2021 - Present | Haryana
CGPA: 8.13/10.0

FIITJEE JUNIOR COLLEGE
Class XII: 2018 - 2020 | Andhra Pradesh
CGPA: 9.03/10.0

KENDRIYA VIDYALAYA NO 2
Class X: 2011 - 2018 | Andhra Pradesh
Percentage: 83.7%

SKILLS

PROGRAMMING
Languages:
• C • C++(STL) • HTML • CSS
• JavaScript • PHP • MATLAB
Frameworks:
• Node.js • Express.js • React.js • MySQL
• React Native • Bootstrap • jQuery
• MongoDB • Composer
Familiar:
• Java • Python • DIP • Google Maps API

VCS & BUILD TOOLS
• Git • GitHub • Docker

CLOUD SERVICES
Familiar:
• AWS • Render • Netlify

CODING PROFILE

Codechef: //dinesh2109
Leetcode: //dinesh21o9
GeeksForGeeks: //dineshsurya2002
Codeforces: //Dineshhh
InterviewBit: //dineshsurya2002

COURSEWORK

Data Structures and Algorithms
Object Oriented Programming
Web development
Computer Network
Database Management System

RESPOSIBILITIES

Google Developer Student Club (Web developer and CP member)
Microbus (Web development Tech member)

EXPERIENCE

GROWTHCRAFT | Web Developer Intern
July 2023 | Pune, Mumbai - Remote
- Designed and implemented a **Dynamic input field component** in React for the "Apply Now" page, **reducing code repetition by a solid 40%** which **reduced ongoing maintenance** of the system by **90%.**
- Developed an **Admin Platform** enabling administrators to **manage data** operations **(CRUD)** for courses through a user-friendly website interface.
- Created a **PHP-based RESTful API** with **JWT-based authentication,** providing **secure access control** and audit trail capabilities, leading to a **30% boost in operational efficiency** and a **40% decrease in admin errors**.

Contact: Abhishek Wakchaure - abhishek.wakchaure@growthcraft.in

PROJECTS

HOMESEEKR | Project | Source Code
- **HomeSeekr** is a platform that enables property owners to list their homes and connects buyers directly with sellers, **avoiding brokerage**.
- Designed a **PHP-based RESTful API** with **JWT-based user auth,** enabling a secure website. Implemented **CORS** policies.
- Used **React.js** frontend and **Node.js** for libraries like **Protected routes** and **Axios**. Managed data through **MySQL**, with **phpMyAdmin**.
- Utilized **Docker** container to **host API** and connected it to a **MySQL database**, enhancing **deployment efficiency by 20%.**

MEMOZOR | Project | Source Code
- Memozor is an engaging **memory game** that assesses a player's cognitive prowess in **recalling sequences** of colors and sounds.
- It is developed using **PHP, HTML, CSS, JavaScript,** and **jQuery, resulting** in a **compact codebase** with a **20% reduction in load time.**
- Used **Document Object Model (DOM)** to select specific elements **reducing page-load time** by **15%,** and integrated **audio-play** package.

GESTURE MEDIA CONTROLLER | Source Code
- Developed a Gesture Media Controller by **Digital image processing** enabling users to **control media players** through **hand movements**.
- Implemented project in **Python** using **OpenCV** and **Mediapipe** for real-time **Hand tracking** and **PyAutoGUI** for media player control.
- **Dynamically calculated** the **hand contour's centroid velocity** in **Real-time** of the user and used **PyAutoGUI** to control **Media player**.

ACHIEVEMENTS

3 STAR AT CODECHEF | Highest Rating: 1718(OR) | 200+ Qs
- Global rank: **135 / 4k+ (Top 3%)** in September Long'22.
- Global rank: **231 / 3k+ (Top 6%)** in October Long'22.

62K+ SCORE WITH 5015 RANK (TOP 0.7%) IN INTERVIEWBIT

HIGHEST CONTEST RATING OF 1564 ON LEETCODE.

TOP 2% OF THE PARTICIPANTS IN MLH SECURITY HACK WEEK

1ST POSITION IN CRACK AND SWAP CODING EVENT

2ND POSITION IN BRAINSTORM EVENT AT TECHSPARDHA