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Didheemose Sebastian
Frontend Web Developer

Aspiring Frontend Web Developer specializing in **React.js** and **Next.js**. Eager to apply my knowledge and passion for creating intuitive and visually stunning user interfaces. Seeking a collaborative team where I can contribute, learn, and grow in the dynamic realm of web development.

Skills

Languages	:	HTML, CSS, JavaScript, TypeScript, Python
Frameworks	:	Next.js, Tailwind CSS, Django
Libraries	:	React.js
Blockchain	:	Solidity, Ganache, Web3.js, Ethereum
Databases	:	MongoDB, SQLite
AWS	:	CodePipeline, CodeBuild, Elastic Beanstalk, Amplify, S3, EC2, Route53
Dev Tools	:	Visual Studio, Git, GitHub, Postman

Projects

Lottery   Source Code

HTML, TypeScript, Next.js, Tailwind CSS, Blockchain, Solidity, Ganache, Web3.js

- Designed and developed a decentralized application (**DApp**) utilizing **blockchain** technology.
- Integrated **Web3** technologies to enable decentralized interactions and transactions.
- Implemented core **blockchain** concepts such as **smart contracts** to ensure secure and transparent lottery operations.
- Utilized **blockchain** frameworks like **Ethereum** to develop the backend infrastructure.
- Developed **smart contracts** using **Solidity**.

Django Email Package   Source Code

*Django, HTML, CSS, Py*Pi

- Developed a custom email package for the **Django** framework.
- Created pre-designed **HTML** templates for various email scenarios.
- Integrated dynamic content placeholders for personalized messages.
- Improved email communication capabilities for **Django** applications.

Pet Adoption Platform   Source Code

HTML, CSS, JavaScript, Django, SQLite, AWS CodePipeline, CodeBuild, Elastic Beanstalk, S3, Sonar Cloud, Pylint

- Implemented a user-friendly pet adoption platform with **Django**.
- Utilized **AWS** services for deployment and scaling.
- Ensured application security and integrity using **Pylint** and **Sonar Cloud**.
- Delivered a scalable and secure platform for managing pet adoption processes.

Event Management System   Source Code

HTML, CSS, JavaScript, Django, SQLite, AWS CodePipeline, CodeBuild, Elastic Beanstalk, S3,

- Developed a cloud-based event management application.
- Implemented user authentication and event management features.
- Integrated **AWS** services for performance and reliability.
- Streamlined event management processes with automated CI/CD pipelines.

Portfolio   Source Code

HTML, CSS, JavaScript, Django, SQLite

- Created a dynamic portfolio to showcase my projects and skills.
- Developed a responsive and visually appealing website.
- Highlighted key projects and technical expertise.
- Enhanced online presence and professional branding.

PlantIn   Source Code

HTML, CSS, JavaScript, React.js, Node.js, Express, MongoDB, JWT, EC2, Route53

- Developed a platform for showcasing creative projects.
- Implemented user authentication and interactive features.
- Deployed using **AWS EC2** and **Amplify** for frontend and backend.
- Provided a robust platform for users to share and engage with creative ideas.

Education

MSc in Cloud Computing   Dublin, Ireland
National College of Ireland   *January 2024 – January 2025*

Bachelor of Computer Applications   Kerala, India
University of Calicut   *June 2020 – March 2023*

Certifications

Certificate in Image Processing & Introduction to Machine Learning
STED Council   *June 2023*

Certificate in Python Programming
STED Council   *October 2022*