

SAMUEL ENAM ZIH
FULLSTACK DEVELOPER

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INTRODUCTION

Hi, I'm Zih Samuel Enam, a full-stack developer dedicated to building seamless web solutions. With a passion for both front-end design and back-end functionality, I bring a holistic approach to creating engaging user experiences. Let's collaborate and turn your ideas into reality.

EDUCATION

Lovely Professional University | Punjab , India
BTECH COMPUTER SCIENCE AND ENGINEERING
CGPA 7.8/10

SKILLS

Html, CSS , Javascript , Typescript, React Js, Node Js, Express Js, Nest js, Python, Docker, Aws

RESEARCH EXPERIENCE

PARTICIPATED ON A PUBLISHED A PAPER UNDER **DR. MUKESH KUMAR**
A COMPARATIVE PERFORMANCE ASSESSMENT OF OPTIMIZED MULTILEVEL ENSEMBLE
LEARNING MODEL WITH EXISTING CLASSIFIER MODELS

INDIA

14 oct 2022

- Collaborating with Doctor Mukesh Kumar on "A Comparative Performance Assessment of Optimized Multilevel Ensemble Learning Model with Existing Classifier Models," I actively contributed to refining ensemble modeling techniques. My role involved selecting optimal base classifiers through a multilevel approach, focusing on excluding underperforming features and addressing collinearity. This endeavor aimed to achieve enhanced class-level prediction accuracy, with a target range of 70% to 90%.
- I implemented and fine-tuned classification algorithms, ensuring their seamless integration into the multilevel framework. Furthermore, I played a key role in evaluating the predictive model's efficacy across diverse datasets.
- This experience deepened my understanding of ensemble methodologies and their practical applications, while strengthening my collaborative research skills.

PROFESSIONAL EXPERIENCE

INSTAACODERS

INDIA

FULL STACK DEVELOPER

January 2023 - present

- Developed and maintained a scalable e-commerce website using modern web technologies and frameworks.
- Implemented a responsive design using HTML, CSS, and JavaScript to enhance user experience, resulting in a 30% decrease in bounce rate.
- Optimized website loading time by integrating caching techniques and reducing server response time, leading to a 50% increase in page load speed.
- Collaborated with designers and product managers to gather requirements and effectively translated them into technical specifications, resulting in a 30% decrease in development time.

XEARTH

IVORY COAST

SOFTWARE ENGINEER - INTERN

May 2022 - Sept 2022

- Worked with cross-functional teams to ensure high-quality software development and delivery
- Conducted code reviews and provided technical guidance to junior engineers
- Improved the application's scalability and reliability by optimizing server-side code and database queries
- Teamed up with designers and product managers to collect requirements and skillfully transformed them into technical specifications, leading to a 30% reduction in development time.

LUXSTEK

SOFTWARE ENGINEER - INTERN

GHANA

April 2021- July 2021

- Designed and developed software for a betting platform using ReactJS, NodeJS, and MongoDB
- Conducted data analysis and developed algorithms for real-time betting odds calculations
- Worked with cross-functional teams to ensure high-quality software development and delivery
- Conducted performance testing and optimization for the platform

AMARAVATHI SOFTWARES

BACKEND DEVELOPER- REMOTE

INDIA

May 2020 - Sept 2020

- We built a vehicle tracking system.
- Responsible for writing a bridge and some api service to communicate with the tracker using MQTT protocol , in conjunction with Socket.io. i also worked to build some ui components on the frontend which we connected to some backend API's.
- Conducted data analysis and developed algorithms for real-time tracking and predictive modeling

PROJECTS

BLOG WEBSITE

- I build the entire blogging website application (frontend and backend)
- I used popular web frameworks such as React, Express, MongoDB, Node.

GSS CONNECT

- This app is aimed at connecting all GSS students across the globe with the government of my country, Ghana.
- I built this project in collaboration with one of my leagues.

LEADERSHIP AND ORGANISATION SKILLS

DEVELOPER STUDENT CLUB (GDSC) LPU

WEB LEAD

- I work as the Web development Lead in GDSC LPU.
- I collaborate with other GDSC clubs in different schools to facilitate learning and growing

TECH LEAD

- Leads all the various technical team in the organisation.
- Organise technical events that helps students on LPU and other campuses get updated with recent technologies

ACHIEVEMENTS

- As the lead of the team, I lead the team to winning the Hult Prize on Campus program from which we were selected for the regional round of the competition, in November 2020.
 - Won the regional national maths and science quiz(NSMQ) organized in the whole country of Ghana in High School.
 - Got selected by the government of Ghana for a scholarship to study computer science and engineering in India because of the amazing performance in the national examination.
 - I was selected as the best student amongst all the graduating scholars, in my 9th class, in 2013. And got a scholarship to study in High School.
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