

MANENIMABASI UDOH

Software Engineer

[My Portfolio](#) · [Github Profile](#) · [My Email Address](#) · [LinkedIn Profile](#)

PROFESSIONAL WORK EXPERIENCE

Founder

Tektransform ([View Website](#))

- Founded and led Tektransform, an innovative organization, driving the creation of our groundbreaking edtech product, Sceem-ai – an AI-powered learning platform designed to empower individuals with digital skills.
- Led a multidisciplinary team of Designers and Data Analysts, orchestrating the development of Sceem-ai from concept to realization, enhancing user engagement and skill acquisition.
- Distinguished among the top 15 globally in the Global Changemaker Program, outshining over 570 applicants from 87 countries.
- Directed a team of 22 technology experts in the creation of comprehensive educational content, bridging educational gaps for underserved communities.

Software Engineer (FULLY REMOTE)

VIRAN EDTECH

- Developed and implemented UI designs for websites and admin dashboards using Next.js, TypeScript, Redux, Material UI, and Tailwind CSS, aligning with modern design principles.
- Collaborated closely with cross-functional teams, including designers and backend developers, to ensure seamless integration of front-end and back-end components, enhancing overall user experience.
- Engineered high-quality, reusable, and scalable code, optimizing website performance and ensuring a user-friendly interface.
- Employed agile methodologies and project management tools like JIRA to ensure timely project delivery and efficient collaboration.

Backend Engineer (Fully Remote)

Escroid ([View Website](#))

- Designed and developed robust APIs using NestJS, AWS, and Serverless Framework to create scalable and performant back-end solutions.
- Spearheaded the design and implementation of a secure and efficient payment transaction infrastructure, ensuring seamless financial transactions.
- Monitored application performance and executed regular testing to maintain a reliable and scalable application architecture.
- Strengthened application security and performance by effectively leveraging and configuring AWS services, contributing to a resilient and secure environment.

PERSONAL PROJECTS

Fintech Serverless API | ([GitHub Repo](#))

- Created a comprehensive serverless backend API using Node.js, Express.js, and TypeScript.
- Designed and implemented scalable data storage with DynamoDB and ensured robust data management.
- Integrated AWS API Gateway for efficient request handling and utilized CloudWatch for monitoring.
- Conducted thorough automated testing using Jest, ensuring the reliability of core functionalities.
- Developed a CI/CD Pipeline using GitHub actions and wrote comprehensive Swagger Documentation.

Fullstack Apple Store | ([GitHub Repo](#))

- Developed a dynamic full-stack web application using Next.js, TypeScript, and Redux.
- Designed an engaging user interface for an online storefront, enhancing user experience.
- Utilized Jest for comprehensive testing, ensuring seamless functionality and user interactions.
- Integrated Sanity.IO for efficient content management, allowing easy updates to product information.

Transaction Deals API | ([GitHub Repo](#))

- Engineered a RESTful API using Nest.js and TypeScript to manage transactional deals.
- Leveraged RDS PostgreSQL for efficient data storage and retrieval.
- Integrated AWS API Gateway for smooth request handling and employed CloudWatch for monitoring performance.

Certificates

Foundations of User Experience (UX) Design ([View Certificate](#))

Google, July 2021

Relevant Skills: UX design, Accessibility, equity-focused design, Agile Methodology.

ALX Cloud Developer ([View Certificate](#))

ALX-T, October 2022

Relevant Skills: AWS, Serverless, Docker, Kubernetes, CI/CD, Test Driven Development, Other Technical Skills.

ICPM Certified Supervisor ([View Certificate](#))

ICPM, April 2022

Relevant Skills: Leadership, Planning, Organizing, Controlling.

SKILLS

Front-end: Next.js, React, TypeScript, Redux, Material UI, Tailwind CSS, HTML5, CSS3, JavaScript

Back-end: NestJS, Node.js, AWS, Redis, Temporal, Express.js, MongoDB, DynamoDB, PostgreSQL, MySQL

Other: Git, Docker, Agile Methodology, JIRA, Trello, Figma, Adobe XD