

Udoka Ilodigwe

Full Stack Developer

Hi, I am a Software Developer with creative and analytical skills in building responsive websites. Former educationist in research and instructional technology, experienced in applying critical thinking skills on documentation analysis, and also an expert in creatively crafting individualized solutions for specific client's/sampled needs. Currently seeking an opportunity to optimize the performance of a team, by applying similar principles during project development.

DEVELOPMENT EXPERIENCE

Trip Planner App

Tools: Material UI | React | JSS | JavaScript | HTML | GoogleMap API.

- There is a need for a comprehensive application that not just provides a traveler (user) with the best restaurants around their location, but also hotels and attractions.
- With Material UI, React, and JavaScript, I designed a pleasing and aesthetic UI for both mobile and desktop responsiveness. Users can easily retrieve weather conditions, best restaurants, hotels, and attractions around their preferred location.

udo_flix-API (RESTful Architecture)

Tools: Node | Express | Postman | MongoDB | Heroku | JavaScript.

- Needed a personalized API application structure with asynchronous, event-driven, and highly scalable functionality that will serve client requests super fast.
- With MERN stack tools, I designed a movie RESTful API architecture by using MongoDB to store movie data, Express to manage HTTP requests to endpoints, React to design and build client-side, and Node to establish a run-time environment that enabled me to implement real-time multi-user functionality.
- The movie API application was successfully deployed on Heroku. All connected client-side applications can access through Heroku all structured endpoints of the API. e.g Get movies, Post/Create a user profile, Put/Update user details, and Delete a user account.

CONTACT

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Finland

SKILLS

- HTML/SCSS.
- Module CSS.
- Material UI
- Bootstrap.
- React.
- Angular Material.
- React Native.
- Node.
- Express.
- MongoDB.
- PostgreSQL.
- JavaScript.
- TypeScript.
- Gherkin

EXPERTISE

- Creative designs.
- Collaboration and communicating ideas.
- Construct/breakdown userstories.
- Building responsive design.
- Building reusable components.
- API call requests, (axios, fetch etc).
- Analytic and strategic thinking.
- Versions control (Git).
- Endpoints testing (Postman).
- Deployments(Netlify, Heroku, ghpages).

udo_flix-client (React/Angular)

Tools: React | React-Bootstrap | Angular | JavaScript | TypeScript | Netlify.

- Designed separate client applications using React JS and Angular. I built both applications with Javascript and TypeScript. I applied React router (React) and RouterModule(Angular) so a user can navigate different views in the app.
- Through the udo_flix-client application, users can navigate different interface views. Movies can be requested and displayed on the main view of the app, users can create and delete their account, and also update their user information.

WORK EXPERIENCE

Upwork(freelance)

01/2021 - Present

- Developed and designed a customized Employee clock-in API RESTful web service for a client. Further designed client-side layouts and user interfaces using Html and CSS as well as JavaScript frameworks.
- This customized application reduced my client's API outsourcing costs by 35%. It also optimized his restaurant's record-keeping activity, as specific endpoints were structured to respond to client-side requests daily.

University of Eastern Finland

(Erasmus Project Assistant)

12/2019 - 12/2020

- Collaborated with Erasmus groups to conduct research on inter-generational learning and its impact on the EU.
- Interviewed, transcribed, and analyzed collected samples, including presenting and documenting research findings of the project.

Paradicta Gbr. (Trainer)

05/2017 - 12/2019

- During training, I carefully observed, analyzed, and documented all trainee's needs. I further creatively, crafted personalized solutions for every trainee while having their needs in mind.
- Students operated a bit more independently, and learning outcomes improved over time because I accommodated their various learning styles by applying individualistic instructions to suit each need.

EDUCATION

Certificate in Intro to Frontend Development and Full Stack

Immersion

CareerFoundry

Berlin, Germany.

M.Sc. Educational Technology Management

Vytauto Didziojo Universitetas
Kaunas, Lithuania.

M.Sc. Information

Communication Technology for Instruction

Eastern Mediterranean University
Famagusta, Cyprus.

B.Sc. Business Education

Ebonyi State University
Abakaliki, Nigeria.

INTERESTS

- Research & Learning.
- Gym sessions & playing soccer.