Patrick Arinzechukwu Amadi

Lagos, Nigeria – +2347064795401 – amadiarinzechukwu@gmail.com

https://www.linkedin.com/in/amadi-patrick-1685b9159/

Executive Summary:

I am an experienced Backend Developer specialized in building robust server-side solutions using Node.js, Express.js, and MongoDB. With a keen focus on creating efficient and scalable backend architectures, I excel in designing and implementing RESTful APIs, handling data storage and retrieval using MongoDB's NoSQL capabilities, and optimizing application performance. My deep understanding of backend technologies allows me to craft secure, maintainable, and high-performance systems that seamlessly integrate with frontend components. As a dedicated problem-solver and collaborator, I am committed to delivering backend solutions that contribute to the overall success of dynamic web applications.

Technical Skills:

- **Software Engineering**: Requirements Analysis, Design implementation Testing and Maintenance, Application Scaling, Restful APIs.
- **Programming Language**: JavaScript
- **Databases**: MySQL, Microsoft SQL Server, MongoDB
- **Backend Technologies**: Node js, Express js
- **Frontend Technologies:** React js,Chakara Ui
- **Cloud Infrastructure**: Heroku, Rendeer, Netlify,Vercel
- **Version Control System**:Git
- **Other**: Postman, swagger, socket io, jwt

Education:

- **Enugu State University of Science and Technology Enugu**.
  Bachelor of Engineering in Computer and Electronics Engineering.(2014-2019)

Work Experience:

Huawei Technologies (Lagos,Nigeria)

FullStack Software Engineers (July 2021-Date);

- Developed and maintained various web based real-time network performance analytical applications using javascript,html SQL,CSS for several Nigeria and south Africa network providers(NG MTN,NG Airtel,NG GLO,SA Telkom).
- Collaborated with cross-functional teams to Analyze Requirements, implement features that provided actionable insights into network performance.
- Designed and optimized backend APIs for data retrieval, storage and analysis resulting in improved performance and reduced latency
- Collaborated with fellow engineers, QA teams to identify and resolve software defect ensuring the delivery of high quality products to our customers
- Participated in daily stand up meetings, sprint planning to ensure project milestones were met efficiently
- Provided technical support to our customers to ease usage of Applications.

Tools: Javascript, SQL, CSS, Postman

Campus Voults (Enugu,Nigeria)

Backend Software Engineer (March 2023-August 2023);

- Collaborated with fellow engineers in the development and maintenance of web based security surveillance and safety Application used by Nigeria University campus.
- Implemented Restful APIs to facilitate seamless integration between the frontend and backend
- Designed different Schemas and data access services to communicate with mongoDB
- Collaborated closely with frontend engineers to ensure smooth integration of user interfaces with backend services.
- Used Node js and Express framework to build server-logic coupled with middlewares to handle http requests
- Actively contributed to architecture and technical decisions to enhance system performances
- Contributed in API documentations using Postman.

Technolgy:Node js,express,React js,REST API,PostMan,Git.

Lanepact Nig. Limited (Ogun,Nigeria)

Backend Software Engineer (March 2021-September 2021);

- Implemented authentication and authorization mechanisms, enhancing security and user privacy
- Utilize swagger API documentation ensuring clear and up-to-date documentations for internal and external stakeholders
- Deployed the application on heroku ensuring high availability and reliability for users
- Collaborated closely with frontend development engineer to integrates user interfaces with backend services providing a smooth user experience
- Leveraged MongoDB for efficient data storage, optimization and retrieval, ensuring scalability as the user base expanded
- Automated routine tasks and workflows, increasing development efficiency and reducing manual errors

Technolgy:Node js,express,REST API, swagger,Git,heroku,MongoDB.

Digital Dreams ICT (Enugu,Nigeria)

Backend Software Engineer (March 2017-July 2019);

- Paired with fellow engineers to brainstorm ideas, debug problems and review code
- Built APIs and data clients to consume it.
- Collaborated with fellow engineers to build real-world projects applying best practices in software
- Collaborated closely with frontend engineers to ensure smooth integration of user interfaces with backend services.
- Contributed in API documentations using Postman.

Technolgy:javascript,PostMan,Git,mysql.

Collaborative Projects

Web-based Chatting System:

A web based chatting application that enables authenticated and authorized users to send one-on-one real-time messages to each other, it also allows users to create, add and remove members from group,

Role: I worked as fullstack(MERN) here where I implemented several business logic e.g:user Authentication using jwt, chatting module using socket.io and user interfaces like signup, login and chat interfaces using chakara UI.

Language: javascript

Technologies:Node,js,React.js,mongodb,Express js,

Others: socket.io,postman,chakara Ui,Vercel,Render,Git,Context API,cloudinary

Invoice generating System

A banking integrated system that enables bank tellers to print both customers transactions receipts and managers cheque after each transaction.

Role:I worked as a backend engineer in this project where I developed and implemented several business logic which includes data retrieval, storage, printing and security APIs endpoints.

Language:javascript

Technologies:Node,js,Mongodb,Express js

Others:postman

Blog App

An information system where Admin can create, delete ,update and view posts, while users(visitors) can view post, comment, reply and share post across their social media handle

Role: I developed and implemented the backend logic with key modules as post, users, Admin and settings endpoints

Language : JavaScript

Technologies:Node,js, Mongodb, Express js

Others:Postman,Netlify,Render