

Verkyav K. Peter

Senior Software Engineer

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PROFESSIONAL SUMMARY

Software Engineer, a mathematics/computer science graduate with 6+ years of professional experience in developing and designing secure, scalable enterprise applications and robust software architectures with 3+ years leading successful teams. Skilled in system analysis & design, development, and security across all stages of the software development life cycle, ensuring long-term durability and performance. Highly proficient in Node.js and related frameworks, MongoDB, MySQL, PostgreSQL, Redis, Apache Kafka, MSSQL, Docker, AWS, Azure, and various operating systems. Expertise in JavaScript, TypeScript, C#, Python, React.js, React Query, Angular, and React Native for building dynamic web and mobile applications.

TECH STACK

C#(dotnet/dotnetcore) Angular Node.js ReactJs React Native TypeScript Solidity
Python

SOFT SKILLS

- Ownership, leadership, self-motivated & ability to motivate others.
- Great communication and excellent interpersonal skills.
- Ability to lead and work independently with minimum supervision.
- Proficient in delivering clear and concise reports both in written and verbal form.
- Excellent time management, resilience, and patience.
- Ability to learn and adapt quickly.
- Ability to work with and in a distributed environment and teams.
- Conflict resolution and creative thinking.

SKILLS

- High proficiency in Node.js, Express.js, Nestjs, TypeScript, Apache Kafka, React.js, Angular, Nextjs, React Native, Redux, React Query, ESLint, JSLint, C# (.NET Framework), python.
- High proficiency with MongoDB, Postgres, MySql, MSSQL, Redis (for distributed server session management), sequelize ORM, Type ORM, Mongoose, Microsoft Linq and Entity Framework/Entity Framework Core.
- High proficiency in system architecture and design patterns.
- Amazon Web services, Microsoft Azure, Digital Ocean, docker, Kubernetes and google cloud platform.
- High proficiency in cryptography, system security, data security and communication.
- High proficiency in building, integrating and maintaining APIs, microservices, version control and a strong ability to bridge multiple programming languages.
- Excellent in software optimization, test driven development/test automation.
- High proficiency in system analysis and design.
- High proficiency in the use of project management tools.
- High proficiency in building and maintaining web APIs and web services for web/mobile applications.
- Obsessed with writing clean and maintainable codes.

ACHIEVEMENTS

Product Owner.

Developed an integrated financial platform consolidating bank accounts and fintech wallets, offering users a unified interface to view balances across multiple sources and execute transactions seamlessly.

2024

Technical Lead / Fullstack Engineer.

Led the development of an innovative platform for talent discovery and music streaming featuring resilient storage management, advertisement, seamless purchasing, and efficient wallet management.

2023-2024

Team Lead / Fullstack Engineer.

Designed and architected a Video on Demand (VoD) platform with IP-encoded live streaming capabilities.

2023

Project Manager / Backend Engineer.

Designed the system architecture for a complex application integrating fintech, e-commerce, and social features, leveraging a microservices approach for scalability and flexibility.

2022

Backend Engineer

Created the API architecture for an investment fintech application with over 3,000 daily users, ensuring robust, secure, and scalable endpoints for seamless financial transactions and data management.

2021

Product Owner

Developed a comprehensive laboratory management system, enhancing efficiency and accuracy in lab operations while improving patient test management and secure sharing of test results.

2019.

WORK EXPERIENCE

Technical Lead/Fullstack Engineer (Onsite-Fulltime)

Trigonal Technologies Ltd.

⌚ April, 2023 – Till date

- Led the team and engineered a robust API for talent discovery/management and music streaming platform, featuring resilient storage management, seamless purchasing, and efficient wallet management.
- Engineered a resilient mobile application for the streaming platform using react native.
- Built a comprehensive administrative management dashboard, role based for all administrative users and advertisers.
- Directly reports to the CTO and prepare management reports and presentations on product progress.
- Created the public-facing artist frontend enabling seamless artist registration, music uploads, storage purchase with a multifunctional digital wallet for seamless financial interactions and transactions within the platform.
- Developed a secure dashboard tailored for judges or music executives, enabling streamlined signup, confidential preview of artist content, competitive bidding, and seamless production of winning songs, with proceeds shared in accordance with signed agreements.

Fullstack Engineer/Team Lead (Remote - Contract)

KORSGY - Portugal.

⌚ Jan., 2023 – May, 2023

- Engineered an API for the VoD (Video on Demand) application, a web platform facilitating KTN partnerships, transactions, and article management.
- Built the streaming engine for KTN that streams live IP encoded feeds from an encoder to the web and TV channels.
- Built the administrative management dashboard.
- Built the public user friendly frontend where partnerships are subscribed and paid for and subscribers are also able to manage their account and subscriptions.
- Restructure an already existing book selling platform.

Fullstack Engineer/Project Manager (Contract)

Amplus Innovative Technologies.

⌚ Nov 2021 – 2022

- Developed API for the amchat application, a mobile agency banking, social, life style and general fintech application that connects users, and enhances day to day financial transactions ranging from purchases, withdrawal, transfer, bill payments and mobile subscriptions.
- Built the administrative management dashboard.
- Analyzed and designed the architecture.

Fullstack Engineer and Blockchain Developer (Contract)

Activecode Business Hub Ltd.

⌚ March 2021 – Aug 2021

- Developed API for the iCode mobile application, a mobile investment application that allows clients signup, get a wallet, fund it, invest, and get their return on investment deposited automatically in their wallet which can be withdrawn to personal bank account, used to pay bills or mobile subscriptions.
- Built the administrative management dashboard.
- Analyzed and designed iCode entire backend architecture.
- Wrote tests for the iCode API using mocha and chi.
- Teach interns how to create backend applications using Nodejs and c#.
- Teach interns how to create mobile/web applications using Reactjs and React Native.
- Developed a Decentralized Bank (personal development).
- Developed a Decentralized file management system (personal development).

Fullstack Software Engineer (Contract)

Amplus IT Solutions Ltd.

⌚ Jan 2021 – March 2021

- Developed Tournament App, a sport management mobile application that lets organizers manage tournaments, sports, grade players, fix matches, grade teams and make payments for match and venues.
- Developed the administrative dashboard for Tournament App.
- Developed Farm Management application for the company client's farms.
- Teach interns how to create applications using nodejs and c#.
- Teach interns how to create mobile/web applications using Reactjs and React Native.

Fullstack Developer

First Digit Communications Ltd.

⌚ March 2019 – April 2021

- Developed a fully automated Hospital Laboratory Management system with appointment booking, e-payment, fully managed patient medical history and detailed accounting reports etc.
- Collaborated on MegaMedx; a pharmaceuticals ecommerce platform.
- Collaborated on a legislative drafting assistant.
- Collaborated on a fully automated Hospital Management System (Privately used).
- Teach interns how to create applications using nodejs and c#.
- Teach interns how to create mobile/web applications using Reactjs and React Native
- Worked on Critical National Infrastructure Research in Nigeria.
- Built system for research data collection, analysis and presentation for Critical National Infrastructure research.

EDUCATION/CERTIFICATIONS

- **Certified Blockchain Developer (Blockchain Council)**
- **B.Sc Mathematics/Computer Science (Nigeria)**
- **Project Management Professional (PMP) (British Project Management Academy)**
- **Quality Assurance & Quality Control Management (Unique Global Resources,)**
- **Global Leadership & Effective Communication Strategies. (Unique Global Resources,)**
- **Diploma, Web development, Design & Software Engineering (Nigeria)**

NOTABLE LINKS

Available upon request.

REFERENCES

References are available upon request.