

WILFRED CHUKWU

BACKEND DEVELOPER

Email: Wilfredchukwu1@gmail.com

Portfolio: <https://thefredcode.com>

Github: <https://github.com/fredcodee>

Backend developer with over 8 years of experience.

EXPERIENCE

2022 – 2024

SOFTWARE ENGINEER, INVIX

An AI company focused on building infrastructure, optimization, and design.

- **Enhanced Backend Development Skills through Collaboration:** By working closely with experienced developers, I significantly refined my backend development skills. This collaboration led to the implementation of best practices and cutting-edge techniques, which improved the efficiency of our development processes. This efficiency boost allowed INVIX to accelerate the delivery of new features, improving our competitiveness in the market.
- **Designed and Implemented AI-Driven Web Application:** I successfully designed and implemented the API and backend systems for an AI-powered web application that identified defects in building construction. My work on data storage, manipulation, user management, and session handling ensured the system's reliability and accuracy. As a result, the application achieved a 95% accuracy rate in defect identification, which was instrumental in attracting major construction firms to adopt our solution, leading to a 25% increase in revenue.
- **Implemented Scalable and Reliable Database Architecture:** By designing and maintaining a robust database architecture using MongoDB, I ensured efficient data storage, retrieval, and manipulation. This reliable database structure reduced downtime and data retrieval errors by 35%, which enhanced the user experience and solidified INVIX's reputation for delivering high-performance solutions.
- **Adapted to International Team Dynamics:** I successfully navigated the challenges of working with international teams across different time zones, mastering effective communication practices. My ability to collaborate efficiently with a global team contributed to the timely completion of key projects, enabling INVIX to meet critical deadlines and maintain a strong market presence.

2019 – 2022

SOFTWARE ENGINEER, TARGETHUNT

A Data extraction company

- **Enhanced Data Processing Efficiency:** I designed and implemented highly efficient data processing algorithms that significantly reduced memory usage and processing time. This improvement enabled TargetHunt to scale its operations, handling larger datasets without additional infrastructure costs. As a result, the company was able to increase its data extraction capabilities, leading to a 20% increase in client acquisition and retention due to faster and more reliable service delivery.
- **Built Scalable API Services:** Collaborating closely with fellow developers, I played a key role in building robust API services using Django Rest Framework. These APIs became the backbone of our data extraction platform, increasing system reliability and reducing downtime.
- **Automated Web Scraping and Browser Interactions:** I spearheaded the development of browser automation solutions using Selenium and other libraries, seamlessly integrating these with backend features. This automation not only reduced manual labor and sped up data collection processes but also expanded the range of data sources TargetHunt could extract from. This increased the variety of data services offered, enabling the company to tap into new market segments and increase revenue streams.

2017 – 2019

BACKEND DEVELOPER, VINNTECH

A SAAS Company in the finance

- **Streamlined Backend Code for Enhanced Developer Efficiency:** I undertook the crucial task of maintaining and refactoring the company's backend codebase. My efforts resulted in a more efficient and organized code structure, which significantly improved the development workflow for frontend developers. This led to a reduction in time-to-market for new features, giving VinnTech a competitive edge by allowing quicker adaptation to market demands.
- **Secured Payment Integration with Stripe:** As part of a dedicated team, I contributed to the design and implementation of a secure payment integration using Stripe. This system provided users with a reliable payment experience, resulting in a 25% increase in successful transactions and a boost in subscription renewals. This secure and efficient payment process strengthened VinnTech's revenue model, ensuring consistent cash flow.
- **Delivered User-Centric Solutions on Time:** I consistently implemented user feedback that was approved by my product manager, ensuring that the product evolved in line with user needs. My ability to meet deadlines without compromising on quality played a key role in increasing user satisfaction, which contributed to a 20% increase in user engagement and a reduction in churn rate.

SKILLS

NodeJs Django ReactJs Flask MongoDB/Postgress/SQLAlchemy HTML/CSS Docker/aws Git

EDUCATION

BS, COMPUTER SCIENCE