Dee Prince

Software Engineer

Lagos, Nigeria.
deeprince2002@gmail.com
(+234) 9064401844
https://www.linkedin.com/in/richdede
https://richdede.vercel.app/

I'm Dede, a Software Engineer with over 4 years of experience building scalable, reliable, and user-focused systems. I work across the stack and take end-to-end ownership of products, from designing intuitive frontends to building robust backend systems that perform reliably in real world conditions.

I've led and contributed to products from concept to launch, gaining hands-on experience solving practical problems and handling edge cases that shape technical direction. I've also built automation workflows and data-driven systems, developing pipelines that process complex inputs and produce reliable outputs in production environments.

I approach engineering with a strong focus on detail, performance, and long-term maintainability. I prioritize what delivers real world impact, take ownership of outcomes, and build systems that are intentional, resilient, and aligned with business goals.

CLIENTS & COLLABORTIONS

Here's a glimpse into some of my past clients and the impactful solutions we created together:

Full-stack & Lead Backend Engineer

Youdoc

● Designed and built core systems for a healthcare platform leveraging AI/ML concepts to analyze user data and match patients with relevant health insights and potential conditions.

● Developed backend services and APIs to collect, process, and structure user health data, ensuring accuracy, consistency, and secure handling of sensitive information.

● Designed data processing workflows to evaluate user inputs against a structured knowledge base, enabling intelligent matching and recommendation logic.

● Implemented validation and data integrity checks to handle incomplete or inconsistent user inputs in real-world scenarios.

● Built and integrated frontend AI interface for managing healthcare workflows, improving usability and efficiency for end users.

● Collaborated across product and engineering teams to deliver features aligned with user needs, regulatory considerations, and system scalability.

Lead Software Engineer

CraftPay - *craftpay.com.ng*

● Architected and maintained backend systems for a fintech platform handling real-time financial transactions, wallet operations, and digital asset management.

● Designed and implemented secure transaction workflows for payments, crypto conversions, and automated savings, ensuring data integrity and consistency in a high-stakes financial environment.

● Built and optimized APIs supporting high-availability systems used by 5,000+ active users, focusing on performance, fault tolerance, and reliability.

● Implemented validation and reconciliation mechanisms to prevent transaction inconsistencies and ensure accurate financial records.

SKILLS

Backend & Systems Engineering:
- Node.js, NestJS, Express.js
- TypeScript, Javascript
- Rest APIs, GraphQL
- Microservices Architecture
- Authentication & Authorization (JWT, OAuth2)
- Webhooks & Third-party integrations
- Background Jobs & Queues

Databases, Storage & Caching:
- PostreSQL, MySQL, MongoDB
- Redis (Caching, queues)
- Prisma ORM
- Firebase, Superbase, Appwrite

AI & Integration:
- LLM Integration (OpenAI API, Gemini, Anthropic)
- Data Extracion & Structured Outputs
- Automated workflows & Pipelines

Infrastructure & DevOps:
- AWS (EC2, S3, IAM, RDS)
- Docker, Nginx, PM2
- CI/CD (Github Actions, Gitlab)
- Linux, Bash Scripting

Frontend Development:
- React.js, Next.js
- Tailwindcss, MUI
- HTML, CSS/SCSS

Tools & Workflow:
- Postman, cURL
- Git, Github
- Webpack, Husky
- Jira, Clickup, Trello, Notion

● Collaborated directly with founders to define system architecture and prioritize features aligned with business growth and operational stability.

Software Engineer

Vindove - *vindove.com*

● Led end-to-end development across backend and frontend systems in agile environments, aligning architecture, performance, and deployments for a retail POS platform used by 1000+ businesses.

● Designed and implemented a multi-provider payment routing system that dynamically selects the optimal provider based on availability, cost, speed, and operational constraints, eliminating single points of failure and increasing platform usage by 40%.

● Built and optimized internal POS workflows to automate payment handling across multiple third-party services, improving transaction reliability and reducing downtime.

● Collaborated with product managers and backend systems to design and enforce robust data validation and user flow logic, improving accuracy and reliability of agent onboarding and transaction processes.

● Implemented fallback and retry mechanisms across payment providers to handle failures and ensure consistent transaction processing in production environments.

● Architected and developed frontend systems for VinretailPRO and multiple client platforms, focusing on scalability, maintainability, and consistent user experience across products.

● Developed cross-platform desktop applications using Electron, expanding platform accessibility and enabling offline-capable workflows for business users.

Frontend Developer

Abbpay Solutions - *abbpaysolutions.com*

● Architected scalable frontend systems using React, applying component-driven design patterns and efficient state management to support a multi-module financial platform covering payroll, accounting, HR, POS, and payments.

● Implemented region-aware dynamic views and localization logic, enabling personalized user experiences across multiple countries and improving global usability.

● Collaborated closely with backend teams to integrate complex financial modules including invoicing, payroll processing, expense tracking, and reporting systems, ensuring accurate data flow and consistency.

● Built reusable UI components and improved frontend architecture, accelerating feature delivery across multiple product modules and enabling scalable product growth.

● Monitored application performance and user behavior using analytics and debugging tools, identifying bottlenecks and improving responsiveness across critical user flows.

Software Engineer

Craftspace - *craftspace.tech*

● Operated as a multi-role Software Engineer across frontend and backend systems, delivering end-to-end solutions for multiple client projects in fast-paced environments.

● Developed and maintained high-performance web applications using React and Next.js, improving SEO, load times, and overall user experience.

● Built scalable, reusable UI components with TailwindCSS, accelerating development cycles and ensuring consistency across projects.

● Collaborated with cross-functional teams including designers, backend engineers, and product stakeholders to deliver production-ready features aligned with client requirements.

Testing & Monitoring:
- Jest, Cypress
- LogRocket, Sentry, Datadog

Soft Skills:
- Communication & Collaboration
- Problem-Solving & Critical thinking
- Ownership & Accountability
- Attention to Detail
- Adaptability & Growth Mindset

CERTIFICATIONS

- Full Stack Engineer (**Malhub**)
- Complete web development (**Udemy**)
- Postman/DevOps (**AWS**)
- Software Engineering Program (**ALX**)

Member of the Frontend Mentors.
Google Development Group (GDG)

● Assisted with backend integrations, third-party services, and feature enhancements to support evolving client needs.

● Engineered automated testing workflows and integrated them into CI/CD pipelines, reducing regression cycles by 40% and improving release confidence.

LANGUAGE

English