CLEMENT JELE

CONTACT

- Johannesburg, Gauteng 2191
- 0736416519
- clemyjele@gmail.com

SKILLS

Front End:
- JavaScript (ES6+)
- TypeScript
- React.js
- Tailwind CSS
- Progressive Web Apps (PWA)

Backend & API Development
- RESTful APIs
- GraphQL

Databases & ORMs
- PostgreSQL
- MongoDB
- Firebase
- Neon (Serverless Postgres)
- ORM's

Cloud & DevOps
- CI/CD Pipelines (GitHub Actions)
- Vercel Deployment

AI & Emerging Tech
- LangChain (LLM orchestration)
- OpenAI API / Gemini API Integration
- Prompt Engineering

Tools & Workflow
- GitHub
- Agile & Scrum Methodologies
- Jira / Linear (Project Management)

WEBSITES AND PORTFOLIOS

Portfolio - https://clemnj.vercel.app
LinkedIn - www.linkedin.com/in/clementjele

LANGUAGES

English: C1

Advanced

SUMMARY

Clement is a skilled and driven Freelance Fullstack Software Developer with a strong passion for leveraging data analytics, AI, and full-stack development to build innovative solutions. He has a deep appreciation for how data-driven insights enhance decision-making, drive business growth, and create customer-centric digital experiences.

EXPERIENCE AND PROJECTS

AI PDF SUMMARIZER Developer
AI SaaS

AI-Powered Summarization – Integrated OpenAI & Gemini APIs to process PDFs and generate instant, accurate summaries, enhancing user productivity.
Secure & Scalable Platform – Built with Next.js, PostgreSQL (Neon), and UploadThing for optimized performance, secure file storage, and low-latency database operations.
End-to-End User Experience – Implemented Stripe for payments, authentication for data security, and a responsive UI (shadcn/Tailwind) for seamless cross-device use.
Modular Architecture – Designed with reusable components and Zod validation for maintainability, type safety, and future scalability.
Participated in code reviews, upholding high standards of quality and promoting best practices among the development team.

HR Reporting AI Assistant
Wispo

Tech Stack: Next.js, React19, Typescript,Tailwind CSS, Firebase, Neon (PostgreSQL), VAPI.ai, Gemini API
Key features:

- **Anonymous Voice Reporting** – Built a voice-powered, emotionally intelligent interface using **VAPI.ai** to encourage comfortable employee feedback.
- **AI-Powered Case Analysis** – Integrated **Gemini API** to analyze reports, summarize key insights, and prioritize cases for HR.
- **Secure & Scalable Architecture** – Implemented authentication (Firebase), real-time DB (Neon), and a responsive UI (Next.js + Tailwind).
- **HR Efficiency Boost** – Automated case categorization to help HR teams assess complexity and next steps faster.

AI Learning Management System
ChapterMind

Tech Stack: TypeScript, React, Next.js, Neon (PostgreSQL), Gemini API, ChatGPT, Stripe (upcoming)
Key Features:

- **AI-Generated Learning Paths** – Leveraged **Gemini + ChatGPT** to create structured, step-by-step courses for goals like job prep, salary negotiation, or custom topics (e.g., cold emailing).
- **Dynamic Course Builder** – Designed an intuitive interface where users input a topic and receive a detailed, chapter-by-chapter roadmap.
- **Full-Stack Implementation** – Built with Next.js for SSR, Neon for data storage, and advanced **prompt engineering** to optimize AI outputs.

EDUCATION

Bsc: Computer science
University of The Witwatersand - johannesburg