CLEMENT JELE

CONTACT

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SKILLS

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

Backend & API Development
- RESTful APIs
- GraphQL
- Serverless Architecture (AWS Lambda, Vercel)
- Rate Limiting

Databases & ORMs
- PostgreSQL
- MongoDB
- Firebase
- Neon (Serverless Postgres)
- Drizzle ORM
- Prisma (alternative to Drizzle)
- Redis (Caching)

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

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

Tools & Workflow
- GitHub
- Agile & Scrum Methodologies

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

Web Developer, 03/2025 - 04/2025
PIN

- Designed and developed a fully responsive, user-friendly website for a construction and consulting firm, ensuring a seamless digital presence that aligns with their professional brand.
- The project encompassed end-to-end execution - from initial design concepts to final deployment - delivering a modern, high-performance website tailored to their industry needs.

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.

Outcome:
A privacy-focused platform that simplifies workplace reporting while ensuring actionable, AI-driven insights for HR decision-makingVAPI API

- Jira / Linear (Project Management)

Soft Skills

- **Problem-Solving** – Debugging complex issues, optimizing performance.
- **Communication** – Explaining tech to non-tech stakeholders.
- **Adaptability** – learning new frameworks and tools quickly
- **Team Collaboration** – Code reviews, mentoring, pair programming.
- **Time Management** – Agile sprints, deadline-driven development.
- **Attention to Detail** – Clean code, edge-case handling.
- **User-Centric Mindset** – Balancing tech with UX needs.

LANGUAGES

English: C1

Advanced

utilised, Nextjs, react, tailwind, custom login, firebase, neon, Gemini integration

**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.
- **Team Collaboration** – Worked cross-functionally to align features with user needs and technical constraints.
- **Upcoming Payment Integration** – Planning Stripe integration for monetization (subscriptions or one-time purchases).

Outcome:
Empowers users to break down complex goals into actionable steps, replacing overwhelm with clarity—whether mastering a skill or preparing for interviews.

WEBSITES AND PORTFOLIOS

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

EDUCATION

Computer Science: Computer science
University of The Witwatersand - johannesburg

CERTIFICATIONS

- HUAWEI Cloud Service Computing