

Mohammed Jameel Shahid

moshahid0324@gmail.com | +91-9346388036 | Ramagundam, Telangana

[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

TECHNICAL SKILLS

Languages: JavaScript (ES6+), TypeScript (v5+), Python, SQL, HTML5, CSS3

Frontend: Next.js, Nuxt 4, Vue.js 3, React.js, Tailwind CSS, Shadcn/UI, Framer Motion, Redux, Zustand, TanStack Query

Backend: FastAPI, Node.js, Express.js, WebSockets, RESTful APIs

Databases & ORM: PostgreSQL, MongoDB, Redis (Upstash), SQLAlchemy, Prisma ORM

DevOps & Cloud: Docker, AWS (Theoretical), CI/CD (GitHub Actions), Git

Auth & Security: OAuth 2.0, JWT, NextAuth / Auth.js, RBAC, HttpOnly Cookies

AI & LLM Integration: OpenAI, Anthropic Claude, Google Gemini, Mistral, Llama, Vercel AI SDK, ElevenLabs, Exa AI, LLM Prompt Engineering

Testing: Pytest, Playwright

IDEs & Tools: VS Code, Cursor, Google Project IDX

WORK EXPERIENCE

Fullstack Developer

Jan 2024 – Jan 2026

Codseq / Paradigm Shift AI

Remote

- **Django API Testing Platform:** Designed and executed a comprehensive API test suite for a large-scale DOE Django application using **Pytest**, achieving ~90% endpoint coverage across 80+ routes; extended coverage with end-to-end **Playwright** UI tests that surfaced critical regression issues prior to production deployment, improving overall release confidence.
- **AI Quiz Platform:** Contributed as a full-stack developer on a quiz platform serving 300+ users, delivering new feature modules, UI enhancements, and survey form pipelines; iteratively refined **ChatGPT** prompt templates to improve accuracy and response time for topic-specific quiz generation across difficulty tiers; used **Prisma + PostgreSQL** for schema design, **NextAuth** for authentication, and **Framer Motion** for animations.
- **PromptVault:** Built a secure, multi-LLM prompt management platform, enabling per-user prompt vaults to improve AI response quality; integrated **OpenAI**, **Anthropic**, **Gemini**, **Mistral**, and **Llama** for text, **DALL-E** and **Stable Diffusion** for image generation, **ElevenLabs** for audio, and **Exa AI** for real-time search; virtualised chat history rendering to keep the UI responsive even as users accumulated 100+ messages in a session.
- **PennyFlo — Invoice Generator:** Added AI-driven invoice generation to a SoW-to-invoice automation platform used by a small team of ~50 users; engineered structured JSON streaming via the **Vercel AI SDK** and iteratively tuned prompts to improve line-item extraction accuracy and consistency; built a PDF annotation feature that highlights the exact SoW clauses from which each line item was sourced, reducing ambiguity in client invoices.
- **AI Agent Benchmarking Platform (Paradigm Shift AI):** Built ground-up platform for benchmarking AI agents against real-world task lists (e.g., WebVoyager) used by an internal team of ~10 testers; designed **RBAC** schema and **Auth.js** authentication, implemented role-differentiated dashboards for clients and vendors, added **Redis** caching for agent result lists and leaderboard data to reduce repeated DB queries; integrated with a **FastAPI** backend containerized via **Docker** and orchestrated through Argo Workflows.

Teaching Assistant & Frontend Mentor

Jul 2023 – Jan 2024

NxtWave Disruptive Technologies

Remote

- Mentored 300+ students in full-stack concepts including React.js lifecycle methods, hooks, state management, and REST API integration.
- Debugged 500+ student codebases, identifying common anti-patterns in JavaScript execution, asynchronous logic, and web concepts (event loops, promises, async/await).

Math Expert

May 2022 – Jul 2023

Photomath

Remote

- Solved 1,000+ complex mathematical problems across calculus, algebra, geometry, and statistics, ensuring accuracy and clarity in step-by-step solutions.
- Maintained 95% quality rating by providing detailed explanations that enhanced user understanding of mathematical concepts and problem-solving techniques.

PROJECTS

Freelance Flow | *Next.js 16, FastAPI, PostgreSQL, Zustand, OAuth 2.0* [Live Demo](#) | [Source Code](#)

- Production-ready invoicing and time-tracking platform for freelancers, automating invoice generation from tracked billable hours with PDF export, cutting manual billing time by ~50% for early users.
- Engineered robust state management with **Zustand** for client-side timer logic and **TanStack Query** for server state sync; secured access via **OAuth 2.0** (Google/GitHub) with JWT in HttpOnly cookies and automated PDF generation using Python's ReportLab.
- **Stack:** Next.js 16, FastAPI, PostgreSQL, SQLAlchemy, Zustand, TanStack Query, OAuth 2.0.

GitPulse | *Nuxt 4, FastAPI, Redis Pub/Sub, WebSockets, Docker* [Source Code](#)

- Real-time distributed system that streams live GitHub event activity to connected clients, giving developers an always-on pulse of global open-source contributions and repository events.
- Implemented a **Producer-Consumer Architecture** where a FastAPI backend consumes the GitHub Events API and broadcasts updates via **Redis Pub/Sub** over WebSockets, achieving sub-millisecond broadcasting latency with optimized connection pooling and message serialization.
- **Stack:** Nuxt 4, Python FastAPI, Redis (Pub/Sub), WebSockets, Docker Compose (Nginx, monitoring, 5-service orchestration).

Reverse ATS Builder | *Next.js 16, Google Gemini, Vercel AI SDK* [Source Code](#)

- Intelligent tool that transforms raw unstructured text into ATS-optimized, recruiter-ready LaTeX resumes, helping job seekers pass automated screening systems with precision-engineered output.
- Leveraged **Google Gemini** with structured prompt engineering and **Vercel AI SDK** for real-time token-by-token streaming; enforced strict LaTeX formatting via custom prompt templates, achieving 98% valid output generation with a stateless, privacy-first local-storage architecture.
- **Stack:** Next.js 16, Google Gemini API, Vercel AI SDK, TypeScript.

Handyman (Offline PWA) | *Next.js, Web Workers, Service Workers, Crypto API* [Live Demo](#) | [Source Code](#)

- Privacy-first Progressive Web App featuring 25+ developer utilities (CSV parsing, file conversion, cryptographic tools) that run entirely offline in the browser with no server-side data transmission.
- Offloaded heavy computations to **Web Workers** to maintain smooth 60fps UI; implemented local AES and Bcrypt cryptography via native browser APIs ensuring a zero-knowledge, client-only data model.
- **Stack:** Next.js, Web Workers, Service Workers, Native Crypto API, PWA.

Pastebin Lite | *Next.js 16, Redis (Upstash), TypeScript* [Live Demo](#) | [Source Code](#)

- High-performance ephemeral text-sharing service with configurable view limits and TTL-based auto-expiry, enabling secure, self-destructing pastes for sensitive content sharing.
- Used **Redis atomic operations** (INCR, EXPIRE, GETEX) to enforce strict concurrent view limits and prevent race conditions; validated data consistency and TTL expiry scenarios through a comprehensive test suite covering edge cases.
- **Stack:** Next.js 16, Redis (Upstash), TypeScript.

EDUCATION

Kakatiya Institute of Technology and Science
Bachelor of Science in Mechanical Engineering

Warangal, India
2013 – 2017