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Summary

Full-stack software engineer (TypeScript, React/Next.js, Node.js, PostgreSQL, Python). Founding engineer at a Dubai product group; built and runs 10 production web properties, including an ERP, two e-commerce stores and LLM tools.

Experience

The Sixty One (61 FZCO)

Dubai, UAE (remote)

Lead Software Developer

Aug 2025 – Present

Web Development Intern

Feb 2025 – Jul 2025

Founding engineer for the SAGA, GLER and Eubiq power-track brands and for Material Matters, the India distributor of SAGA.

- **Material Matters ERP:** architected and shipped, as sole engineer, a lead-to-cash ERP (Next.js, TypeScript, Postgres, 150+ API routes) where one 917-product catalogue feeds every quote, GST invoice, vendor PO and the website.
- **AI assistant:** shipped a CRM assistant that answers staff questions with citations, using role-filtered BM25 retrieval across 10 record types (no vector DB) and a Gemini/GPT/DeepSeek gateway with fallbacks.
- **materialmatters.in:** re-platformed as a headless Next.js store on a 31-route CRM API with tag-based cache revalidation; migrated 778 products and 1,371 media files (1.65 GB) off Sanity, SHA-1 verified, zero failures.
- **Integrity and payments:** built optimistic locking, compare-and-swap gapless invoice numbering, Razorpay payments on the raw REST API (constant-time HMAC checks, idempotent webhooks) and per-page RBAC at the edge.
- **powertrack.online:** launched the India D2C store for SAGA (Next.js, Sanity, Clerk, Razorpay) with a 21-page admin, abandoned-cart emails, barcode shipping labels, a Google Merchant feed and 40 Vitest test files.
- **Reliability:** re-engineered infrastructure after a surge of 3K users in 20 minutes caused a failure and a 100 GB Bunny CDN bandwidth spike; redesigned the architecture to handle 100K+ users.
- **Brand sites and SEO:** shipped 61saga.com, eubiq.in, 61dxb.com, the English/Russian 61gler.com and two lead-capture microsites; lifted eubiq.in's SEO score from 63 to 95+, cut bounce rate 31% and raised inquiries 22%.
- **WhatsApp assistant:** built a WhatsApp Cloud API and OpenAI bot for product updates and FAQs that reaches 1,000+ recipients daily at a 78% open rate, cutting manual support work by 60%.

Xterra Edze · PixelKrafts | Technical Consultant and Developer

2019 – Present

- At Xterra Edze, a brand, technology and AI firm (New Delhi, Ludhiana, Saint John), design and build client platforms and AI systems from architecture to production, including xterraedze.com.
- Across PixelKrafts client work and side projects, delivered 35+ websites, apps and custom tools.

Indian Institute of Technology Roorkee | Research Intern, Built Environment Lab

Jan 2025 – Mar 2025

- Compared ML models for eye-blink fatigue detection (Python, OpenCV, scikit-learn, TensorFlow) for building automation, reaching 95% accuracy; built and deployed the lab website (Next.js, Vercel).

PaisaExpo | Web Developer Intern

Jun 2024 – Jul 2024

- Built React front-end and Node.js/MongoDB back-end features for a financial-services website.

Projects

- **AMU Papers (2024):** built solo an exam-paper platform used by 1,000+ AMU students: OCR and regex parsing extract questions, Mixtral-8x7B drafts answers, admins moderate uploads and pay contributors via UPI (PHP, MySQL).
- **abhiMgao (2025):** shipped a grocery app with 1K+ installs and a 4.8 rating on Google Play (Flutter, Firebase).
- **Lab Tracker (2024):** co-built a GitHub-synced lab tracker for AMU's computer science department; its automated reports cut teachers' manual reporting effort by 60% (Django).
- **Enquires CRM (2026):** built a lead CRM for Eubiq India, SAGA and GLER with LLM lead entry from emails, chats or voice and automatic Gemini-to-Hugging Face failover (Next.js, TypeScript).
- **Butterswipe (2025):** built the admin panel (orders, finance, analytics, users) of an SEO-audit SaaS in a four-developer Next.js team, shipped through pull requests.
- **Client stores and sites (2025–26):** built custom PHP stores with Razorpay and PhonePe checkout, WooCommerce stores for OroSilver and Sanatan Gifts, and company sites for Xterra Edze, iFortis Worldwide and PixelKrafts.
- **Earlier builds:** an AI-adoption predictor with SHAP explanations (scikit-learn, Flask), an AES-256 encrypted chat app, and Covisurance, an insurance platform with Razorpay premium payments (2022).

Skills

Languages: TypeScript, JavaScript, Python, SQL, PHP, C++, HTML/CSS

Frameworks: React, Next.js (App Router, Server Actions), Node.js, Django, Flask, Tailwind CSS, Flutter

Data and cloud: PostgreSQL (Supabase), MySQL, MongoDB, Firebase, Sanity, Vercel, Bunny CDN, GitHub Actions

AI and integrations: LLM APIs (Gemini, OpenAI, DeepSeek, Hugging Face), BM25 retrieval, OCR, scikit-learn, Razorpay

Practices: system design, data modelling, REST APIs, RBAC, payment security, caching, testing (Vitest), CI/CD, SEO

Education

Aligarh Muslim University | Master of Computer Applications (MCA), CGPA 8.6/10

2023 – 2025

Aligarh Muslim University | Bachelor of Computer Applications (BCA), CGPA 8.1/10

2019 – 2022

Activities: AMUHACK top-5 finalist (2020); GDSC AMU core member; AMUCSS developer team.