

Aashar *CK*

Full-stack & AI engineer · Dubai, UAE · Available immediately

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github.com/aasharck

SUMMARY

Aashar CK is a full-stack engineer based in Dubai, UAE, with 5+ years building web applications in React, TypeScript and Node.js. He has worked on both sides of the stack: dashboard interfaces that render large datasets, and the REST APIs, data pipelines and cloud services behind them. His background includes two years of enterprise ETL and data pipeline engineering. He recently built and launched SitesGen, a multi-agent AI SaaS, solo in about a month. He is comfortable owning architecture decisions, tuning database and API performance, reviewing code and documenting what ships.

PROJECTS

SitesGen · founder and sole engineer · 2026–

SitesGen is a multi-tenant SaaS for agencies and freelancers who sell websites. It finds local businesses whose websites are letting them down, designs and builds each one a better website from its own photos and reviews, and writes the pitch used to sell it, by email, WhatsApp, LinkedIn or in person. Aashar is the founder and sole engineer. He built and launched it solo in about a month, with subscription billing and a first customer on a paid trial. It is live at sitesgen.com.

SitesGen · eight agents, cost per site

Producing one website costs about \$0.33 in model spend on the default models, measured rather than estimated: \$0.17 for the design plan, \$0.04 for the photo reader, \$0.05 for the pitch and a \$0.07 share of the scan that found it. The build step costs nothing. Every job records its own tokens and cost, attributed to the member who asked for it. Sonnet was tried for the plan and the pitch and rejected on quality, because the site and the pitch are the product.

TraccoAI · sole architect and engineer · 2025–

TraccoAI is a multi-tenant platform that measures how often a brand gets recommended by ChatGPT, Claude, Gemini and Perplexity, shown as trends over time and side by side against competitors. The problem it solves: brands can't see whether AI assistants recommend them. Aashar is the sole architect and engineer, and built and launched it solo (2025 to present). It is live at traccoai.com.

AI support agent · demo

A chat assistant for a small business's website that answers customer questions using only the business's own help pages and PDF manuals, shows exactly where each answer came from, says "I don't know" instead of making something up, and can check an order or open a support ticket. It is a demo built for Tamp & Bloom, a made-up coffee-equipment shop; it is not a client project. Every reply shows its model, latency and cost.

supabase-rls-check · CLI

A read-only command-line tool that connects to a Postgres or Supabase database and reports the mistakes that leak data: tables without row-level security, policies that allow every row (USING (true)), tables the anon role can write to, SECURITY DEFINER functions exposed to the API, and views that bypass RLS. Each finding has a severity and the exact SQL to fix it, in a Markdown report. Apps built fast, especially with Lovable, Bolt or Cursor, often ship with at least one of these, and with Supabase the anon key is public by design, so row-level security is the only thing between the data and the internet.

EXPERIENCE

iBlox Studios DMCC, Full-Stack Engineer (Jan 2024 to present)

Dubai, UAE. Builds and maintains full-stack web applications with React, Next.js, TypeScript, JavaScript, Node.js and Python (FastAPI), including an NFT marketplace, an internal analytics dashboard and two company websites. Architects and deploys backend services on AWS with Lambda, API Gateway, AppSync (GraphQL) and DynamoDB, structured as independently deployable services rather than a monolith. Builds data processing workflows on AWS with Glue, Athena and S3 that make large datasets queryable by application-facing APIs. Owns and maintains Jenkins CI/CD pipelines that build game and backend artefacts. Co-developed "Tapshot", a Telegram mini-game in React and Firebase, from first build to live users. Designs and implements the Solidity smart contracts underpinning the product ecosystem, integrated with the front end via Ethers.js and RainbowKit. Takes part in code reviews on frontend and backend, contributes to coding standards and documentation, and works in an Agile/Scrum team.

Dunesberry, Full-Stack Engineer (Jul 2023 to Dec 2023)

Riyadh, Saudi Arabia. Introduced React across the organisation, moving the team from vanilla HTML, CSS and JavaScript to a component-based architecture that became the front-end standard for later projects. Built and maintained client websites and web apps with React, Next.js, Node.js, MongoDB, TailwindCSS and Bootstrap, translated designs into responsive, cross-browser code, and integrated third-party REST APIs.

Independent, Full-Stack Engineer, freelance (Jul 2022 to Jul 2023)

Remote. Built websites and web applications for multiple international clients with React, Next.js, Node.js, TailwindCSS and Bootstrap. Designed and developed decentralised applications with React, Ethers.js and Solidity, working with OpenZeppelin, Chainlink, Uniswap and Compound, using Hardhat and Foundry. Audited smart contracts competitively on Code4rena and Sherlock. Managed client relationships directly across concurrent engagements: scoping, updates, timelines and deadlines.

Cognizant, Programmer Analyst, ETL Developer (Nov 2020 to Jul 2022)

Remote. Spent 1.5+ years building production data pipelines in Informatica PowerCenter, extracting from multiple sources and loading into databases, flat files and Salesforce at enterprise volume. Designed, built and tested ETL mappings and workflows across Oracle, Salesforce Workbench and flat-file sources; wrote SQL for transformations, queries and performance tuning; scheduled production workflows with Autosys and triaged defects in Micro Focus ALM.

SKILLS

Front-end	React, TypeScript, Next.js, Vite, TailwindCSS, shadcn/ui, TanStack Query, responsive and accessible UI.
Data visualisation	Recharts, interactive dashboards, time-series and comparison views, large result sets.
Back-end and AI	Node.js with TypeScript, Express.js, Python (FastAPI), RESTful API design, GraphQL, LLM API integration, multi-agent pipelines. Works with the Claude API (Anthropic SDK) including tool use, structured (schema-constrained) outputs, native citations and prompt caching, and with OpenAI-compatible endpoints.
Data and pipelines	AWS Glue, Athena, S3, ETL with Informatica PowerCenter, PostgreSQL, Supabase, MySQL, MongoDB, DynamoDB. Retrieval with Postgres + pgvector.
Cloud and DevOps	AWS Lambda, API Gateway, AppSync, DynamoDB, GCP, Vercel, Jenkins CI/CD, GitHub Actions, Docker, Git.

SECURITY

Competitive smart-contract audits

Aashar audited smart contracts competitively on Code4rena and Sherlock, identifying 4 High and 2 Medium severity vulnerabilities under adversarial review conditions. This was during his freelance period (July 2022 to July 2023).

EDUCATION AND AWARDS

Education

Bachelor of Technology in Computer Science, Muthoot Institute of Technology and Science, Kochi, India, graduated 2020. Higher Secondary at Science Institute, Manjeri, India, 2016.

Awards

Finalist at TCS Blockathon 2018 and at MITS Hackathon 2019.

stashlr.com

Built and scaled stashlr.com, a digital marketing blog, to 30,000 pageviews per month through SEO: the product built and the distribution solved end to end.