

HAROON RIASAT

Full-Stack Software Engineer | AI & Cloud

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SUMMARY

Full-stack engineer with 4.5 years of experience taking web, mobile and AI products from idea to production. I build React and Next.js frontends and the services behind them in Python, Node.js and PHP/Laravel on AWS, and have shipped RAG assistants, audio transcription pipelines and document extraction systems used by real customers. As a consultancy co-founder, I own technical decisions end to end. I care most about making LLM systems reliable, measurable and cost-efficient under real traffic, in a team of strong engineers who care about craft.

SKILLS

Core (daily use): React, Next.js, TypeScript, JavaScript, Node.js, Python (Flask), PHP (Laravel), PostgreSQL, AWS, REST APIs

AI / LLM: OpenAI, Claude, Gemini APIs, RAG, embeddings, vector search (pgvector, Pinecone), LLM fine-tuning, MCP, Bedrock

Also worked with: React Native, SwiftUI, MongoDB, Docker, Kubernetes, CI/CD, LangChain, LlamaIndex, SageMaker, Java

Languages: English (professional), Finnish (elementary) · **AI-assisted dev:** Claude, GitHub Copilot, ChatGPT

EXPERIENCE

Software Engineer | *Amplon.io, Turku, Finland*

Sep 2024 – Present

- Shipped a RAG assistant (Python/Flask, OpenAI API, AWS) that answers questions inside Amplon's Hoshin Kanri platform from product manuals and YouTube tutorial transcripts, owning it from retrieval pipeline to React integration.
- Build backend features and APIs in PHP/Laravel with the matching React frontend work, and integrated the Contentful headless CMS so release notes and in-app content update without code deploys.
- Work daily with product, design and backend colleagues on performance, reliability and feedback-driven releases.

Co-Founder & Software Engineer | *Exitech, Remote*

Nov 2023 – Present

- Co-founded a product engineering consultancy that has delivered 60+ products for international clients (SaaS, AI, automation).
- Lead work from first client conversation to production: architecture, implementation, containerised AWS deployment (Docker, Kubernetes, CI/CD) and operations, mostly with React/Next.js, Node.js/TypeScript, Python and PostgreSQL.
- Own technical decisions with client stakeholders, trading off cost, speed and reliability. Led the Exitech AI Internship Program: final-year interns built 12 complete AI web products in three months.

Software Engineer | *QUEST Lab, Islamabad*

Feb 2023 – Jun 2024

- Promoted early to lead a team of 6 responsible for 20+ production AI-based web and iOS apps, running client communication and project management while staying hands-on in the code.
- Fine-tuned LLMs on client data and integrated them into products; built web scraping pipelines that fed the apps' AI features.
- Built and deployed web products and native iOS apps on AWS, owning the lifecycle from requirements to release.

Earlier: Software Engineer Intern, MRS Technologies (Jul – Sep 2022): MVP carpool app with the MERN stack, AWS Amplify, EC2 and S3. Intern, QUEST Lab (Aug – Oct 2021): internal audit system with React, PostgreSQL and Laravel.

SELECTED PROJECTS

Council Tap | **AI court-hearing transcription** (*Python, Deepgram, Claude, MERN, AWS*)

Led architecture and delivery of a pipeline that transcribes long, noisy Maui County court-hearing recordings with Deepgram and uses Claude to turn them into structured, lawyer-ready notes, running on AWS.

Kinwell | **Family health platform with LLM features** (*kinwell-sepia.vercel.app*)

Nutritionists log home visits, lab-report PDFs or photos become structured results with trends, and families get plain-language updates; a Node.js MCP server lets Claude use it with role-scoped tools and human approval.

Subqc AI | **AI-powered CRM forms and reporting** (*MERN, OpenAI, embeddings, AWS*)

Led development of a platform automating field inspections, checklists and reports; owned the core build and AWS deployment.

SCRUB | **Salesforce sales-management platform** (*React, TypeScript, Express, PostgreSQL, OAuth*) · **Resume Chatbot** | **RAG over my own profile** (*TypeScript, Upstash Vector, OpenRouter*)

EDUCATION & CERTIFICATIONS

M.Sc. Information Technology (Computer Engineering) | Åbo Akademi University, Turku

Jun 2026

GPA 4.7/5.0; Scalable Software Systems; thesis: TaskLint, AI-driven task auditing for project management. Hackathon winner (Microsoft, Elisa and Nokia); ICT Showroom 2025: Best UI, 1st in Best Technical Content and Best Presentation (public vote).

B.Sc. Computer Science | FAST-NUCES, Islamabad

Jun 2023

GPA 3.49/4.00; Dean's List of Honor (3x); Chair of IEEE Computer Society; 2nd in a national web development competition

Certifications: AWS Certified Cloud Practitioner (2023 – 2026); Foundation Certificate in Project Management (PRY, Finland)

BEYOND WORK

Animal lover with three cats so far. I love to travel, hike and read; my favourite place so far is Lofoten.