

DANISH ASHRAF

Founder & Full-Stack Software Engineer

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PROFESSIONAL SUMMARY

Full-stack software engineer and founder with 10+ years of experience delivering web, mobile, cloud, and AI-enabled software solutions. Experienced in leading development teams, owning product architecture, integrating complex systems, and shipping scalable applications for international clients across startup, enterprise, and freelance environments.

CORE STRENGTHS

Full-stack Delivery	Technical Architecture	Team Leadership
Cloud & Databases	AI Automation	Client Communication

TECHNICAL PROFICIENCY

Software Development	React, Angular, Vue, NativeScript, Ionic, Flutter, FlutterFlow, Node.js, PHP/WordPress, Python, Next.js, Nest.js, Electron
AI & Automation	OpenAI, Claude, Gemini, Kimi, TensorFlow, Hugging Face, Scikit-Learn, FlowiseAI, n8n, CrewAI, OpenClaw, RAG, custom AI workflows
Database & Cloud	MySQL, PostgreSQL, MongoDB, Firestore, CouchBase, AWS, Firebase, Google Cloud, Plesk, cPanel, Linux VPS, NGINX
Tools	VSCode, Cursor, Claude Code, GPT Codex, GitHub Copilot, GitHub, Kdenlive
Conversational AI	Custom chatbots, knowledge-based QA systems, multilingual and voice-enabled interfaces

PROFESSIONAL EXPERIENCE

Founder & Full-Stack Engineer, CodeHills | Apr 2023 - Present

www.codehills.net

- Founded and lead a software company focused on scalable web, mobile, AI, and cloud-based solutions.
- Architect and develop full-stack applications for international clients using modern JavaScript ecosystems and cloud infrastructure.
- Lead end-to-end product development including technical architecture, system design, client communication, and project delivery.
- Build business automation, AI-assisted workflows, and user-centric digital products with a strong focus on scalability and performance.
- Collaborate with distributed teams to deliver high-quality solutions across web, desktop, and mobile platforms.

Founder, Shopitz | Feb 2025 - May 2026

www.shopitz.com

- Launched and operate an online store serving the local Pakistani market.
- Oversee end-to-end operations, including product sourcing from China, inventory management, and order fulfillment.
- Maintain a custom e-commerce platform supporting digital operations, catalog management, and customer orders.

Full-Stack Software Engineer, Brij | Contract | Nov 2025 - Jan 2026

www.brij.it

- Built end-to-end features across the Angular Brand Dashboard and React consumer-facing application.
- Improved backend performance across Next.js API routes, GraphQL queries, and MongoDB data access patterns.
- Implemented Shopify fixed-discount logic within shopping modules for both dashboard and consumer workflows.
- Resolved production bugs to improve platform stability, data reliability, and user experience.

Full Stack Developer, THD FOX GmbH | Freelance | Jan 2021 - Sep 2024

- Built NativeScript mobile applications integrated with WordPress for Seelenbewusst Store.
- Contributed to CrushLink as a full-stack developer using Firebase and React Native.
- Integrated services including Xing, Tiledesk, Google Authentication, and Firebase Cloud Messaging.

Web & Mobile App Developer, Tiksis Technologies oy | Freelance | Jan 2021 - Dec 2021

- Designed and built a web application for kindergarten coaches using FunctionApp.
- Developed an Android application for kindergarten coaches using NativeScript with Vue.js.

Senior Software Engineer, Feroze1888 Mills Ltd | Full-time | Dec 2018 - Aug 2021

- Led development of internal HR automation tools.
- Customized Oracle EBS modules to align with organizational requirements.
- Built custom APIs and integrated them with Oracle EBS.
- Developed Angular-based user interfaces to support enterprise workflows.

Senior Software Developer, Imam Clinic | Full-time | Sep 2017 - Dec 2018

- Led development of modules for the hospital management information system.
- Oversaw full project life cycles from requirements gathering to deployment.
- Automated key hospital processes through web application solutions.

Senior Software Developer, Amid Tech | Full-time | Jul 2016 - Aug 2017

- Delivered hybrid mobile applications for EMEA-region clients.
- Developed a push notification server and RESTful APIs.
- Integrated Firebase Authentication and Google Maps services, including Places and Distance Matrix APIs, into ride-hailing applications.

Software Developer, INTERSAT SYSTEMS | Full-time | Jul 2015 - Jun 2016

- Built desktop applications using C# WinForms.
- Developed a secure file explorer leveraging custom cryptography.
- Integrated RFID hardware with an attendance management system.

EDUCATION

M.S. Computer Science, SZABIST Karachi | 2016 - 2018

Thesis: Applied regression techniques to ride-hailing data using scikit-learn.

B.S. Computer Science, Hamdard University Karachi | 2012 - 2016

Thesis: Enhanced the SMIME protocol using AES-256 and elliptic-curve cryptography.

CERTIFICATIONS

[Databricks Accreditation - GCP Databricks Platform Architect \(Jan 2026, Credential ID: 171634529\)](#)

[Databricks Accreditation - AI Agent Fundamentals \(Jan 2026, Credential ID: 171514735\)](#)

[Databricks Accreditation - Generative AI Fundamentals \(Jan 2026, Credential ID: 171483825\)](#)

[MongoDB Optimizing MongoDB Performance with Tuning Tools \(Nov 2025\)](#)

LANGUAGES & INTERESTS

Languages: English; Urdu (Native)

Interests: Exploring emerging technologies; traveling and experiencing nature; console gaming and interactive entertainment.