

MIDHA TAHIR

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Full Stack Software Engineer with 5+ years of experience delivering user-focused digital products. Specialized in building fast, modern frontends using React and Next.js and mobile apps using ReactNative. Known for shipping clean, scalable apps across cloud, fintech, AI, and healthtech, 3D world.

SKILLS

Programming Languages: JavaScript, TypeScript, Python

Frontend: React, Next.js, React Native, Gatsby, Redux, HTML/CSS, Tailwind CSS, Material UI, Chakra UI, Ant Design, Three.js

Backend & APIs: Node.js, Nest.js, Express.js, RESTful APIs, FastAPI, Strapi CMS, Serverless Functions

AI & Automation: OpenAI APIs, Langchain, GPT-4, Prompt Engineering, AI-based Workflows, FastAPI, Vector Search

DevOps & Cloud: Docker, Kubernetes, Helm, AWS (EC2, S3, Lambda, CodePipeline), Azure DevOps, GitHub CI/CD, Git, Linux

Testing & Practices: Jest, React Testing Library, TDD, Agile/Scrum, SonarQube

Data, Visualization: D3.js, Recharts, svg2pdf.js, Mapbox, Firebase, MongoDB (NoSQL), PostgreSQL (SQL)

Other Tools: Stripe, Auth0, Twilio, SendGrid, i18next, Formik, Yup, React Hook Form

Project Management: Jira, Agile, Scrums, Sprint Planning, Problem Solving, Decision making, Teamwork.

WORK EXPERIENCE

Engineering Lead – Utility Data Retrieval & Extraction | Sagiliti (US) | via Bytecorp

Current Client Project

- Lead engineering delivery for a US utility-data platform that automates account access, utility-bill retrieval, and structured data extraction across multiple providers.
- Own retrieval and extraction workflows, including provider integrations, account/sub-account modelling, credential flows, bill ingestion, validation, and resilient handling of authentication and 2FA scenarios.
- Coordinate frontend, backend, browser-automation, and API work across React/Next.js, Python/FastAPI, [Node.js](#), Playwright, and cloud infrastructure.
- Translate operational requirements into technical scope, prioritise provider enablement, review implementation quality, and communicate progress, risks, and API issues with US stakeholders.
- Lead R&D into AI-assisted and browser-based automation approaches to improve retrieval coverage while maintaining secure, testable, production-ready workflows.

Lead Software Engineer

Feb 2022 – Present

Bytecorp

- Led frontend development across 7+ full-stack products in fintech, healthtech, and automotive, managing teams of up to 10 engineers.
- Boosted Lighthouse score from 37% to 87% for a financial analytics platform via React deep performance tuning.
- Built HIPAA-compliant frontend for NXTSTIM, integrating secured backend APIs and multilingual support.
- Delivered cross-platform mobile apps (KEYELITE, Network&Chill) using React Native, Stripe, Auth0, Heap, and HubSpot.
- Developed analytics dashboards with interactive charts using D3.js and Recharts, with export-ready PDFs via svg2pdf.js.
- Scaled a 3D automotive platform by 40% in speed; implemented Kubernetes with Helm for multitenancy and theming.
- Integrated custom serverless functions with Twilio and Sendgrid for notifications and automation.
- Built a real-time IoT tracking app awarded People's Choice at Taqadam Accelerator (*Saudi Arabia*).
- Enabled CI/CD pipelines via AWS CodePipeline, GitHub Actions; introduced SonarQube for code quality automation.
- Customized Strapi CMS via bootstrap and Helm ConfigMaps to enable dynamic deployments across environments.

Frontend Developer

Jun 2021 – Aug 2023

Getweys

Karachi, Pakistan

- Translated Figma designs into responsive, pixel-perfect UIs with React and Tailwind.
- Optimized state management for performance and scalability across mobile-first fintech platforms.
- Integrated RESTful APIs and ensured seamless data flow between frontend and backend services.

PROJECTS

Web3 Telegram Bot (Solana, OpenAI, FastAPI, Langchain)

- Built an AI-integrated Telegram bot to swap tokens on Solana using OpenAI and Langchain prompts.
- Developed FastAPI backend to manage wallet creation and transaction flows in real-time.

SHAED Platform (Next.js, Kubernetes, Helm, Strapi, AWS, Three.js)

[shaed.ai](#)

- Implemented a **performance optimization strategy** that resulted in a remarkable 40% increase in the responsiveness and speed of 3D website enhancing the overall product stability.
- Dockerized services, led CI/CD pipeline setup, and customized Strapi CMS for scalable deployments.

Gestor Fintech App (React, Stripe, Intercom, Formik, Yup, i18next)

- Integrated payments and multilingual support; streamlined form validation with Formik/Yup.
- Delivered responsive UX and localized content across regions using i18next.

Mobile Applications (React Native, Stripe, Auth0, APIs)

- Delivered iOS and Android experiences for KEYELITE, NXSTIM integrating authentication, payments, analytics, CMS content, and production APIs

Network & Chill: (React Native Application)

networkandchill.club

- Developed and implemented new features for the Network & Chill application, utilizing React Native for both iOS and Android platforms. Integrated Stripe, Auth0, heap.io and HubSpot CMS within the application.

Further projects and information available at midhatahir.com

VOLUNTEERING EXPERIENCE

Global Ambassador — WomenTech Network

Represent WomenTech Network globally by supporting women in technology through community engagement, mentorship, advocacy, and international initiatives.

President — Pakistan Women Engineers Federation

Led initiatives to support women in engineering through events, mentorship, and awareness programs, advocating for gender diversity in tech.

Brand Ambassador — Virufy US

Promoted **FAST NUCES Procom**, a major student technology competition, through outreach, community engagement, and event promotion to increase participation and visibility.

Volunteer Data Engineer — Virufy US

Contributed to COVID-19 detection research by helping develop AI models for health diagnostics in 2020.

AWARDS

Stellar HackPera Istanbul – Selected for a fully funded trip by Patika.dev to participate in the Stellar HackPera hackathon.

Encode Club Hackathon London – Made it to the top 12 Finalists at Encode Club Hackathon among 500+ devs.

1st Prize – UI/UX Frontend Challenge @ ITEC Competition

1st Prize – MVP Hackathon Winner @ PakSummit 2023

Runner-up – Speed Programming @ SOFTEC, Bahria University

CERTIFICATIONS

Microsoft Certified: Azure Fundamentals, JavaScript, Python, SQL

Frontend Masters: React, Next.js, Redux, Node.js, Gatsby

PIAIC: AI Developer

EDUCATION

BE Software Engineering @ *Ned University of Engineering and Technology*