

THABET ALYAHYA

FULL STACK DEVELOPER

Summary

Full Stack Developer with 3+ years of experience designing and delivering high-performance web applications with a strong focus on modern frontend development.

Created and maintained scalable, responsive interfaces using React, Angular, and SvelteKit, integrated with robust backends built on Java, Spring Boot, PostgreSQL, and SQLite.

Engineered reusable UI components, optimized rendering performance, and implemented responsive, accessible designs that improved user engagement and content delivery speed.

CONTACT

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- 🏠 Riyadh, Riyadh Region

EDUCATION

Bachelor of Computer Engineering –
Qassim University, 2022

Technical Skills

Frontend: Angular, React, TypeScript, JavaScript, Svelte, PWA, HTML5, Tailwind, PrimeNG

Backend: Java, Spring Boot, RESTful APIs, Python, Node.js (basic), C, C++

Databases: PostgreSQL, SQL, MongoDB, SQLite

Tools & Platforms: Version control (Git), CI/CD pipelines, Docker, Pega, AEM

Other: Agile/Scrum, Microservices

CERTIFICATIONS

- Certified Pega System Architect (CPSA), 2023
- React Nanodegree – Udacity, 2023

WORK EXPERIENCE

STC

Full-stack Developer

Sep 2022 – Present

- Delivered performance enhancements and over 50+ bug fixes for a large-scale agent system used across 6+ business units.
- Reduced ticket-to-resolution time by 20% through efficient issue triaging, automation, and root-cause analysis.
- Decreased system downtime by 20% and improved incident response time by 25% via proactive monitoring and rapid issue resolution.
- Collaborated with 5+ cross-functional teams (development, QA, infrastructure, and business analysts) to analyze and resolve user-reported issues.
- Developed and enhanced reusable React components within the Adobe Experience Manager (AEM) system.

MISK Foundation

System Analyst Intern (Hand Plus Robotics)

Sep 2021 - Dec 2021

- Developed and tested algorithms for ultrasound image processing to detect blood vessels.
- Applied computer vision techniques to improve accuracy in measuring vessel dimensions.
- Supported integration of hardware and software components, validating results with engineers and researchers.

PROJECTS

Freelance

Alyahya Family Website [🔗](#)

- Built a full-stack family website using Spring Boot (backend), PostgreSQL (database), and Angular + PrimeNG (frontend) to share events, news, and celebrations.
- Developed an admin dashboard to manage posts, events, and an interactive family tree.
- Designed features for event announcements, family updates, and profile management, with planned enhancements for authentication, personal accounts, and social interactions.

Freelance

Alazim App

- Built a full-stack Progressive Web App (PWA) "Alzim" using SvelteKit (frontend/backend) and SQLite via Turso (database) to manage tasks for small groups of 30–100 members.
- Developed a secure login system and admin dashboard allowing managers to create users, groups, and tasks, assign tasks with permissions, and track progress.
- Implemented user-facing features to complete tasks, view personal statistics, and generate reports.
- Designed the app with real-time updates and offline capabilities, with planned enhancements for advanced notifications, task prioritization, and collaborative interactions.

STC

Telecom Call Center Agent Portal

- Engineered core features for a Telecom Call Center Portal serving 6500+ agents, enabling seamless ticket creation, case routing, and workflow automation as part of digital transform.
- Integrated with Kafka, Enterprise Service Bus (ESB), and API Management (APIM) to achieve asynchronous data flow and real-time updates between microservices.
- Improved case processing performance by 20% through caching strategies, optimized queries, and UI enhancements.
- Supported production deployment, post-launch maintenance, and Business-As-Usual (BAU) enhancements with strong collaboration across QA and DevOps teams.

Qassim University

Smart Cane [🔗](#)

- Designed an AI-powered assistive device to help visually impaired individuals navigate safely by detecting and classifying obstacles in real time.
- Implemented object detection and distance measurement using a pre-trained AI model with 95% accuracy.
- Developed audio and vibration alerts to warn users of hazards within 1.5 meters, improving mobility and situational awareness.
- Enhanced accessibility by combining computer vision, embedded systems, and sensor integration in a lightweight prototype.