Malak Allah Al-Sadi

Full-Stack Developer | Software Engineering Student

Riyadh, Saudi Arabia (Open to remote) | +966 54 925 5730 | malakallahalsadi6@gmail.com
linkedin.com/in/mulk-allah-al-sadi-677103339 | github.com/mulkallah7703

PROFESSIONAL SUMMARY

Full-Stack Developer and Software Engineering student (B.Sc. expected 2027) building end-to-end web apps with React, Next.js, Node.js/Express, and MongoDB/PostgreSQL. Lead developer on the Aviation Minutes AI-powered LMS platform and inventor of Pulse Ring, an AI/computer-vision health-monitoring wearable backed by a patent and a research paper. Targeting junior remote Software Engineer / Full-Stack Developer roles building REST APIs and responsive interfaces in Agile teams.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Java, SQL, HTML5, CSS3
Frontend: React, Next.js, Bootstrap, jQuery, Responsive Design, UI/UX Fundamentals
Backend & APIs: Node.js, Express.js, RESTful APIs
Databases: MongoDB, PostgreSQL, MySQL, SQLite
AI: Computer Vision, OCR, AI Integration in Web Applications
Tools & Practices: Git, GitHub, Linux, AWS (basics), DevOps Fundamentals, Agile

EXPERIENCE

Technical Consultant & Software Development Lead | *AviationsMinute* 2025 – Present
- Lead technical development of the Aviation Minutes platform, a full-stack AI-powered LMS built with React, Node.js, and MongoDB.
- Co-designed a scalable LMS and web platform architecture serving learners / courses.
- Integrated AI-powered automation tools and drove UI/UX improvements and software planning for the platform.

Full-Stack Development Intern | *CodeAlpha (Remote)* 2026 – 2026
- Developed responsive full-stack web applications using React and Node.js.
- Built REST APIs and integrated MongoDB for data persistence.
- Improved website performance and user experience.
- Collaborated with remote team members using Git, GitHub, and Agile workflows.

Web Development Intern | *Arch Technologies* 2026 – 2026
- Built reusable UI components for modern web applications using React and JavaScript.
- Implemented responsive designs and fixed front-end bugs alongside the development team.

Front-End Developer | *Freelance* 2024 – 2025
- Delivered responsive React and Bootstrap interfaces for client websites, customized to each client's requirements and goals.
- Optimized layouts for mobile, tablet, and desktop to improve cross-device responsiveness.

PROJECTS

Pulse Ring — AI Wearable for Early Detection & Emergency Response Computer Vision, AI
- Invented an AI-powered healthcare and emergency-response system for early detection of cardiovascular and stroke risks using computer vision and intelligent monitoring (Patent No. 66460898; research paper).

Aviation Minutes Platform React, Node.js, MongoDB
- Built a full-stack AI-powered aviation learning platform with a scalable LMS architecture and intelligent automation tools.

Digital Store Next.js, TypeScript, PostgreSQL
- Developed an AI-powered e-commerce platform with smart product recommendations on a modern full-stack architecture.

Sanad Lens OCR, Computer Vision
- Built an AI platform that converts textbook images into accessible digital formats using OCR and computer vision.

PJSR Platform AI
- Designed an AI-driven legal guidance platform that simplifies judicial procedures and improves access to legal information.

EDUCATION

B.Sc. in Software Engineering | *University of Hafr Al Batin, Saudi Arabia* 2023 – 2027 (Expected)

Other qualifications: Diploma of English Language, The Academic British Institute (2018 – 2021); Secretary (Computer) Diploma (2020); Nursing Fundamentals Diploma (2020 – 2021).

PATENTS, RESEARCH & AWARDS

- **Patent No. 66460898 —** Intelligent Health System for Early Prediction of Cardiovascular and Stroke Risks and Emergency Response.
- **Patent No. 68860369 —** Smart Legal Case Management System.
- **Research:** "Pulse Ring: An AI-Based Wearable System for Early Detection and Emergency Response Using Intelligent Monitoring and Computer Vision Technologies".
- **Award:** Pulse Ring recognized in innovation competitions [First Place/ Future Creators Bootcamp Award, 2026].

CERTIFICATIONS & LANGUAGES

Certifications: Project Management Professional Certificates (Google, Microsoft); Full-Stack Web Development; React.js Development; DevOps Essentials; Programming with Java; UI/UX Design Fundamentals; Introduction to Software Development.
Languages: Arabic (Native), English (Proficient, TOEFL Certificate of Achievement), German (Beginner)