# Khudhur Mohammed Khudhur

Senior Software Engineer | Product Designer | Medical Doctor

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## Summary

MD turned software engineer and product designer. Currently building AI tools for clinicians at Pathway. Works across design, front end, back end and infrastructure. Focused on turning complex clinical workflows into fast, usable software that actually helps doctors make better decisions.

## Experience

**Pathway Medical**                                                          May 2025 – Present
Senior Founding Engineer (Full Time)                        Montreal, Canada (Remote)
https://pathway.md

• Partnering with leadership on product and technical direction
• Shipping features across front-end, back-end, infra, and design

**Pathway Medical**                                                          Apr 2023 – May 2025
Software Engineer | Product Designer (Full Time)        Montreal, Canada (Remote)
https://pathway.md

• Moved into engineering while continuing UI/UX work
• Designed and built the Pathway AI interface (web & mobile)
• Built the full interface for the drug database on both platforms

**Pathway Medical**                                                          Nov 2021 – Apr 2023
Medical Content Creator | Product Designer (Part-Time)   Montreal, Canada (Remote)
https://pathway.md

• Created visuals for medical content, trials, and social posts
• Designed early UI assets and ad creatives
• Contributed to a TLDR-style newsletter for clinicians

## Education

**University Of Baghdad, College of Medicine**                               2016 – 2022
Bachelor of Medicine, Bachelor of Surgery - MBBS

Graduated in the top 9% of a class of 342 while working part-time in design and software engineering during the final years of medical school.

## Projects

**Medgram**                                                                  March 2023 – Present
Open-Source
https://medgram.net

Medgram is a free open-source tool for creating and sharing medical algorithms.

## Volunteering

**Liberty Lines Project**                                                    Oct 2020 – Jan 2022
Web Developer | Graphic Designer                         London, United Kingdom (Remote)

• Built and maintained the project's website
• Designed visuals and created content for campaigns and social media
• Helped the team with technical issues when needed
• Contributed to a fundraising effort that raised over £9,000

## Skills

### Software Engineering

React, React Native, TypeScript, JavaScript, Front-End, Back-End, Artificial Intelligence

### Product Design

Figma, User Interface, User Experience

### Medical Doctor

Medical Content, Medicine

## Languages

### English

C1

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### Arabic

Native

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## References

### Jonathan Hershon

CEO – jonathan@pathway.md

### Nathalie Perdion

CPA – nathalie@pathway.md