

# Mahmoud Eltohamy

Full-stack web & mobile developer

## Professional Summary

Full-Stack and Mobile Developer with 4+ years of experience building high-performance web and mobile applications. Specialized in React ecosystem (React.js, Next.js, React Native) with proven expertise in Node.js backend development. Unique combination of software engineering and medical background (MBChB) enabling specialized solutions in healthcare technology. Delivered 15+ client projects with exceptional performance metrics (95+ PageSpeed scores) and 40% improvement in load times through advanced optimization techniques.

## Education

**Bachelor of Medicine and Surgery (MBChB) at Mansoura University, Egypt**

September 2019 - November 2024

**Grade: 3.5**

## Experience

**Full-Stack Web Developer at Freelancer , Remotely**

January 2022 - Present

- Architected and delivered 15+ responsive web applications using React, Next.js, Angular, and Node.js with average PageSpeed scores of 95+
- Developed custom WordPress solutions including tailored themes and plugins for e-commerce, healthcare, and corporate clients, generating \$50K+ in project revenue
- Improved website performance by 40% through advanced optimization techniques including code splitting, lazy loading, image optimization, and caching strategies
- Built scalable RESTful APIs and backend services using Node.js, Express.js, and MongoDB, handling 10K+ daily active users across multiple projects
- Maintained 95% client satisfaction rate through effective communication, on-time delivery, and post-launch support resulting in 60% repeat business
- Integrated complex third-party services: Stripe/PayPal payment processing, Google Maps geolocation, social media authentication, and analytics platforms
- Applied mobile-first responsive design principles ensuring seamless functionality across all devices and screen sizes

**React Native Mobile Developer at Freelancer , remotely**

November 2024 - Present

- Developed cross-platform mobile applications for iOS and Android using React Native, ensuring 98% code reusability and consistent user experience
- Enhanced application stability by 35% through continuous integration, automated deployment processes, and performance monitoring

## Personal Information

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Egypt

## Social Links

[LinkedIn](#)

[Portfolio](#)

## Skills

### Frontend Development:

React.js, Next.js, Angular, React Native, TypeScript, JavaScript (ES6+), HTML5, CSS3, Tailwind CSS, Bootstrap, Responsive Design

### Backend Development:

Node.js, Express.js, RESTful APIs, MongoDB, Firebase, MySQL, API Integration, Authentication & Authorization

**Mobile Development:** React Native, Cross-Platform Development, iOS & Android, Mobile UI/UX, Performance Optimization, Native Modules

**Tools & Platforms:** Git & GitHub, WordPress, WooCommerce, Agile/Scrum, CI/CD, Payment Gateways (Stripe, PayPal), Google Maps API, Cloud Deployment

**Development Practices:** Code Optimization, Unit Testing, Debugging, Version Control, Collaborative Development, Agile Methodology

## Languages

**English** - Proficient

**Arabic** - Native

## Certificates

- **React Developer Certification**
- **Node.js Application Development**
- **React Native Mobile Development**

- Reduced bug reports by 20% through proactive code reviews, comprehensive unit testing, and implementation of robust error handling mechanisms
- Created reusable component library accelerating development cycles by 30% while maintaining code quality and consistency
- Collaborated with product owners and stakeholders to define requirements, prioritize features, and establish realistic delivery timelines

## Projects

### Medical Healthcare Platform • [↗](#)

Full-stack healthcare platform created with React, Node.js, and MongoDB featuring patient management, appointment scheduling, and medical records system. Implemented secure authentication and HIPAA-compliant data handling.

### Movies Web Platform • [↗](#)

Dynamic movie discovery platform utilizing TMDB API with React frontend, featuring advanced search, filtering, user reviews, and watchlist functionality. Implemented optimizations that improved the app store rating from 4.2 to 4.6 stars.

### Restaurant Management System • [↗](#)

Comprehensive restaurant management solution with online ordering, menu management, and admin dashboard. Integrated Stripe payment processing and real-time order tracking.

### Movies Mobile Application • [↗](#)

Cross-platform mobile app using React Native that maintain functionality, smooth animations, and native performance optimizations