

# MUHAMMAD KHOTIB

## Senior Web Software Engineer — Core Web Vitals Specialist

Bogor, Indonesia | mkhotib20@gmail.com | +6285173250398

[mkhotib.vercel.app](#) | [linkedin.com/in/mkhotib20](#) | [github.com/mkhotib20](#) | [hackerrank.com/mkhotib20](#)

### PROFESSIONAL SUMMARY

Senior Software Engineer with 7+ years of experience building scalable, high-performance web applications across travel technology, e-commerce, and software consulting. Expertise in React, TypeScript, Next.js, JavaScript, HTML, and CSS, with a strong track record of improving Core Web Vitals, web performance, SEO, and application reliability. Proven ability to collaborate across product, design, QA, and backend teams to deliver business-critical features at scale.

### WORK EXPERIENCE

#### Senior Web Software Engineer — Traveloka

Aug 2024 – Present

Jakarta, Indonesia · Travel Technology

- Maintained mobile web SLO above **99%** and drove reliability initiatives based on production metrics.
- Reduced server error count from **5M** to under **10k** and decreased I/O overhead on the server
- Improved Core Web Vitals on the Flight Landing Pages (SEO Pages and Metasearch), **LCP** from **3 sec** to **1.5 sec**, **CLS** from **0.15** to **0.08**, **INP** from **400ms** to **180ms**
- Improved Page Latency on the Flight Landing Pages from **3 sec** to under **1.5 sec**

#### Web Platform Software Engineer — Tokopedia

Mar 2021 – Jul 2024

Indonesia · E-commerce

- Successfully delivered dekara project with complex features from scratch within tight deadline
- Improved development experience and efficiency for internal tools and reduce memory consumption when running internal tools locally
- Created unit tests and increased branch coverage 85% and above

#### Full Stack Engineer — PT. Solusi Pembayaran Elektronik

Aug 2019 – Feb 2021

Yogyakarta, Indonesia · Software Agency

- Developed and maintained full-stack web applications using PHP, Laravel, MySQL, HTML, CSS, and JavaScript for multiple client projects.
- Delivered 10+ client projects across various industries, consistently meeting aggressive deadlines, with some projects completed in as little as 3 days.
- Worked closely with designers and stakeholders throughout the software development lifecycle, from planning and implementation to deployment and maintenance.

### TECHNICAL SKILLS

Focus Areas	Core Web Vitals
Languages & Frameworks	TypeScript, React JS, Next.js, React Native, Go
Tools	Datadog, Lighthouse, Chrome Devtools, Google Search Console, Page Speed Insight

### EDUCATION

#### B.Sc. Information Systems

2015 – 2019

Institut Teknologi Sepuluh Nopember (ITS), Surabaya