



MOHAMED ELKHOLY

Full stack web developer



ABOUT

Full stack web developer with a strong focus on PHP, TypeScript and Node.js. I've been doing web development stuff for over 8+ years now, that includes full time and freelance work. I live with a passion for software engineering, particularly in the world of architecture, functional development, and enhancing developer productivity. I enjoy working on new frameworks and libraries on my own time and have a fairly active Github profile.



EXPERIENCE

From 2010 to present.



FREELANCE WEB DEVELOPER

Self Employed | 2015 – Present

- ❖ Working on projects of different scales — from small micro-sites to larger web applications, using different technology stacks.
- ❖ Designing and implementing infrastructure solutions using modern technologies, as well as delivering consultations, products recommendation, and technical support to IT Lands' clients.
- ❖ Developed new procedures for requirements gathering, needs analysis, testing, ci/cd pipelines and documentation to strengthen quality and functionality of business-critical applications.
- ❖ Built reusable code and libraries to accelerate development cycles.
- ❖ Developed a team management module for a CRM system in PHP that helped managers to assign members and keep track of their performance by using comprehensive dashboards and reports.

FULL STACK DEVELOPER

Point Hacks | 2016 – 2018

- ❖ Developed and maintained Point Hacks main website as well as their REST API service.
- ❖ Developed new user-facing features and improved existing one.
- ❖ Worked with WordPress as a headless CMS using GraphQL and REST APIs.
- ❖ Implemented Redis server-assisted client side caching to improve performance.
- ❖ Used Nginx for load balancing, processing a large number of requests up to 30,000 simultaneously.

FULL STACK DEVELOPER

Dimentians | 2014 – 2016

- ❖ Maintained ongoing web-based projects and launched new ones as part of the development team.
- ❖ Built a number of web apps using PHP and Symfony framework.
- ❖ Developed several internal apps and microservices built on PHP backends.
- ❖ Developed custom Wordpress plugins and themes and resolved configuration and updates issues.
- ❖ Translated wireframes, UX flows and content into functional and engaging interfaces.

WEB DEVELOPER & TECH LEAD

Axis Digital Solutions | 2012 – 2014

- ❖ Led a small team of developers and designers.
- ❖ Developed and maintained websites for dozens of clients, ranging from CMS-built to bespoke websites from the ground up.
- ❖ Attended client meetings to discuss their business goals and milestones, maintained hosting environments.

WEB DEVELOPER

Queen Tech Solutions | 2010 – 2012

- ❖ Built several dynamic websites and applications from scratch using PHP/MySQL.
- ❖ Implemented content management solutions using Joomla and Wordpress.
- ❖ Accelerated development cycles with MVC frameworks such as CodeIgniter and CakePHP.
- ❖ Produced clear, well-commented code conforming to PHP standards and best practises.

SKILLS

Technologies I use in everyday work.

SOFT SKILLS

- ❖ Problem Solving
- ❖ Decision-making
- ❖ Systematic Thinking
- ❖ Organizational Skills
- ❖ Brainstorming

BACK-END DEVELOPMENT — My main area of expertise, nearly every project I have launched in the past had the back-end done by me. My stack usually involves PHP and/or Node.js with the CMS/Framework of choice.

- ❖ **Languages:** PHP | Node.js | Ruby | TypeScript | Shell
- ❖ **Frameworks:** Symfony | Laravel | Express.js | Serverless
- ❖ **Content Management:** Strapi | Shopify | Magento | Wordpress
- ❖ **Databases:** Doctrine | Redis | MySQL | PostgreSQL | MongoDB | Elasticsearch
- ❖ **APIs:** REST | GraphQL | Amazon AWS | Payment Gateways
- ❖ **Testing:** PHPUnit | Codeception | Laravel Dusk | Jest

FRONT-END DEVELOPMENT — I write standards-compliant front-end code that powers web user interfaces. With a particular focus on responsive design, semantic markup, accessibility, and performance.

- ❖ **Languages:** JavaScript (ES6+) | TypeScript | HTML5 | CSS3 | Sass
- ❖ **Frameworks:** Angular | React | Vue.js | Gatsby | Next.js
- ❖ **User Interface:** Tailwind CSS | Bootstrap | Material UI | Ant Design
- ❖ **APIs:** Firebase | AWS Amplify | Netlify
- ❖ **Libraries:** Apollo | RxJS | Redux | MobX | D3.js
- ❖ **Testing:** Jest | Cypress

DEVOPS — I use these tools and cloud services to setup an integrated, effective and efficient infrastructures and workflows that meet the project needs.

- ❖ **Tools:** Git | Docker | Kubernetes | Terraform | Vagrant
- ❖ **Deployment:** Amazon AWS | Google GCP | Netlify | WP Engine
- ❖ **CI/CD:** Jenkins | Github Actions | CircleCI
- ❖ **Build Tools:** Webpack | Babel | Gulp | PostCSS
- ❖ **Package Managers:** Composer | NPM | PNPM | Yarn
- ❖ **Git Hosting:** Github | Gitlab | Bitbucket

SOFTWARE — My local web development setup.

- ❖ **Development:** VIM | PhpStorm | WebStorm | Postman | DevTools
- ❖ **Environment:** Ubuntu | Windows | Docker | Fish Shell
- ❖ **Productivity:** Notion | Jira | Slack | Skype

EDUCATION

Self-taught, highly motivated individual with a drive to learn new things.

CS50 — HARVARDX

Online education programme of Harvard University

C | Python | SQL | Algorithms | Data Structures

2016

MISR UNIVERSITY FOR SCIENCE AND TECHNOLOGY

Bachelor's degree, Physical Therapy

2010 – 2016

OTHER RELEVANT COURSE WORK

Various online education programmes

GraphQL Essentials (2020) | Advanced React (2018) | Advanced JavaScript (2018) | PHP Design Patterns (2015)

2015 – Present

PROJECTS

Links to some of my past work.

OPEN SOURCE

mohatt.web.app/projects/category/open-source

PORTFOLIO

mohatt.web.app/projects/category/portfolio

LEGACY PROJECTS


Here you will find some legacy PHP projects I have worked on in my early days.


phpclasses.org/browse/author/560033.html

INTERESTS

- ❖ Open Source
- ❖ Technology Trends
- ❖ Gaming
- ❖ Movies
- ❖ Football

CONTACTS

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 github.com/mohatt

 stackoverflow.com/users/621543

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Mohamed

REFERENCES

Some feedback from people I have worked with in the past.

"It has been a real pleasure working with Mohamed. He has been very professional and very clear in all communications, which I appreciate."



Eric Covino
CEO, Creative Signals

"Mohamed is a talented developer with a strong technical background and the ability to quickly identify the right solution to a tough challenge. His willingness to dive into new areas and learn quickly made it enjoyable to work together."



Keith Mason
Founder, Point Hacks

"It was a pleasure to work with Mohamed. He was professional, fast, and very responsive. He understood exactly my requirements and completed the job with ease. He kept me up-to-date throughout the process and dealt with all my requests straightaway. He designed a brilliant website for me. I recommend him wholeheartedly."



Gabriella Ign  cz
Founder, Pearls of Motherhood

"Mohamed is an exceptional Wordpress developer. He understood my brief 100%, actually improved on it, delivered ahead of schedule and communicated/documented everything exceptionally clearly. He implemented the project in a very robust and technically sound way. His English language skills are perfect. His project management approach, testing and documentation was also absolutely excellent. I really can't praise him enough and will certainly be back to work with him again. Highly recommended."



Daniel Rowles
CEO, Target Internet Ltd.

"Mohamed did a fantastic job creating the website for our company. His depth of knowledge enabled him to work both quickly and efficiently with great results. He has been incredibly responsive whenever we have had an issue or question. Anyone would be fortunate to work with him."



Andy Forest
CEO, Dimentians Ltd.

"Mohamed is a talented developer that always takes the extra step to provide insightful suggestions to make any project that we work on together more efficient. He is easy going and a pleasure to work with."



Susheila Li
Project Manager, Dimentians Ltd.

"It is a pleasure to work with Mohamed. He is good at understanding what you really need and communicates perfectly. In short, Mohamed delivers quality maintainable solutions (nothing quick-and-dirty)."



Gyuri van de Bilt
CEO, Jobport

"I liked working with Mohamed because he is a real professional. Not only does he deliver excellent work on time, he looked a bit further to understand what we needed and did everything needed to make it easy for us. Highly recommended!"



Han Gerrits
CEO, KPMG Innovation Factory