Md Biplob Hossain

Full Stack Engineer
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SUMMARY

Full-stack engineer with 15+ years shipping PHP platforms — Concrete CMS, Laravel, and WordPress — for product teams in Japan and Bangladesh. Work spans data modeling and APIs through theming, payments, identity, and AWS operations.

I spend most of my time on systems that have to stay up: content platforms, subscription products, and the packages underneath them. At Macareux Digital I lead client delivery on Concrete CMS — core contributions, marketplace add-ons, SSO, and payment integrations for brands such as Rakuten, NTT Docomo, and Daily Portalz. Earlier I designed iOS app interfaces and built REST APIs at product studios in Tokyo and Dhaka. I like leaving a codebase easier to change than I found it.

EXPERIENCE

Sep 2016 – Present

Senior Engineer (Full Stack)

Macareux Digital Inc. (formerly concrete5 Japan Inc.)

- Translate client requirements into Concrete CMS packages, upgrades, and intranet applications, working with a team lead on scope and delivery.
- Upgrade and operate Concrete CMS sites and servers on AWS, including security patches and production diagnostics.
- Contribute to Concrete CMS core and maintain internal and marketplace packages for payments, SSO, forms, and import/export.
- Integrate billing and identity services — Stripe, Amazon Pay, Pay.jp, Okta, SAML, and Azure AD — into editorial sites.
- Build REST APIs and WebViews that sit behind iOS and Android clients, including healthcare and subscription products.
- Run marketing automation with Mautic and keep internal tools such as the support desk and LDAP intranet in good health.

Achievements

- Ranked 18th among 260 Concrete CMS core contributors while shipping client work in parallel.
- Delivered production systems for Rakuten, NTT Docomo, Konica Minolta, Daily Portalz, Panasonic, Grand Seiko, and other Japanese brands.
- Published Concrete CMS marketplace add-ons for Stripe, Amazon Pay, and Pay.jp subscriptions so paid content could live inside the CMS.
- Replaced one-off site customizations with packages that other projects could reuse (SSO, mail forms, Express import/export, Google Maps/Forms).

Aug 2016 – Sep 2016

Full Stack Web Developer

Carpaydiem Co., Ltd

- Rebuild the dealer catalogue and enquiry flows on FuelPHP with a Bootstrap 3 front end.
- Fix inherited bugs and tighten page templates for crawlability and sharing.
- Review the existing stack, then migrate templates and business logic without a long freeze.

Achievements

- Shipped a full technical rebuild of carused.jp in a one-month window.
- Moved the property off a dated stack onto FuelPHP, HTML5, and Bootstrap.

Jan 2016 – Feb 2016 **Software Engineer / Web Developer**

Beatone Inc.

- Turn feature specs into data models and REST endpoints for smartphone apps.
- Implement in-app WebViews and marketing pages from wireframes.
- Coordinate a small team through build, QA, and release for Video Downloader and OpenBag.

Achievements

- Shipped the OpenBag REST API and WebView on CakePHP 3.
- Stood up WebView and test coverage for Video Downloader under a tight two-month tenure.

Feb 2015 – Jan 2016 **Software Engineer / Web Developer**

AIRCAST Corp.

- Write SRS notes, model data, and design REST APIs consumed by iOS and Android clients.
- Build WebViews and campaign sites that wrap those APIs.
- Make targeted changes in a legacy Perl system without a full rewrite.
- Maintain internal PHP tools and keep an eye on application traffic.

Achievements

- Designed and shipped Smile Assist Tokyo as project lead — API, WebView, and site.
- Delivered CakePHP APIs for KoukaiBukoro, HoneyShop, Chat, Point Exchange, PhotoBox, and related products.

Jan 2014 – Jan 2015 **Senior Web Developer**

SmartMux Limited

- Lead a small team from spec through API, WebView, and admin UI.
- Own data modeling and MySQL schema for new mobile products.
- Build REST APIs and WebViews for iOS and Android, plus the PHP admin that publishers used.
- Configure Apache, MySQL, FTP, and mail for project environments.

Achievements

- Shipped the publisher, hotel, and music-artist backends that sat behind SmartMux mobile apps.
- Standardized CakePHP 2 + Bootstrap admin panels so later products reused the same patterns.

Aug 2011 – Dec 2013 **Web Developer & Designer**

SmartMux Limited

- Design GUI, iconography, and interaction flow for iOS and Android applications in Photoshop and Illustrator.
- Build support and marketing sites for each App Store listing.
- Manage domains, shared hosting, and the office MikroTik/Wi-Fi network.
- Contribute Objective-C in Xcode when a screen needed more than a static design.

Achievements

- Designed roughly 48 iOS and Android apps and about 25 accompanying websites.
- Gave SmartMux a repeatable visual language across photo, file, and utility apps.

Jul 2011 – Aug 2011 **Network Engineer**

NP Communications

- Build small internal web apps in PHP, HTML, and CSS.
- Configure Apache, MySQL, FTP, and mail on Linux.
- Administer CRM and the office networking gear.

Achievements

- Stood up internal tools and Linux services that the agency used day to day.

SELECTED PROJECTS

package

Macareux Stripe Subscription

Macareux Digital Inc. · https://marketplace.concretecms.com/marketplace/addons/c5j-stripe

Marketplace add-on for monthly and yearly Stripe subscriptions, with gated content for Concrete CMS.

Concrete CMS, PHP, MySQL, Stripe

personal

biplob.me

Personal / Independent · https://biplob.me

Self-hosted portfolio and CV CMS: one database feeds the public profile, HTML preview, and A4 PDF.

Laravel, Filament, Tailwind CSS, MySQL

personal

biplob.dev

Personal / Independent · https://biplob.dev

Personal engineering journal — the writing home that sits beside the career site.

WordPress

personal

Family tree

Personal / Independent · https://family.biplob.me

Private family-history site for relatives to browse people, places, and stories.

Laravel, Bootstrap

personal

MB Super Shop

Personal / Independent · https://mbsupershop.jp

Grocery e-commerce with inventory, POS, and a Next.js storefront on a Laravel API.

Laravel, Next.js

personal

MB Electronics

Personal / Independent · https://mbgnet.jp

Electronics e-commerce with inventory, POS, and automated operational reports.

Laravel, Tailwind CSS

professional

WalkJapan

Macareux Digital Inc. · https://walkjapan.com

Walking-tour operator site with third-party booking (Peak15) and Flywire payments on Concrete CMS.

Concrete CMS, PHP, MariaDB, AWS, Peak15, Flywire

professional

UrFund

Macareux Digital Inc. · https://ur-fund.com

Operations system for a fund manager: products, reporting, and staff workflows on Concrete CMS.

Concrete CMS, PHP, MariaDB, AWS

professional

Docomo HealthCare

Macareux Digital Inc. · https://health.docomo.ne.jp

NTT Docomo healthcare platform: Concrete CMS packages, REST APIs, and WebViews, with DynamoDB and Lambda around the edges.

Concrete CMS, PHP, MySQL, DynamoDB, Lambda, Node.js

professional

Grand Seiko

Macareux Digital Inc. · https://www.gsstar-program.com/

Invitation-only seminar programme: guest lists, booking, and tickets on Concrete CMS.

Concrete CMS, PHP, MySQL

professional

Rakuten News Network SSO

Macareux Digital Inc. · https://global.rakuten.com/corp/rnn

Okta SSO and directory sync for Rakuten News Network on Concrete CMS.

Concrete CMS, PHP, MySQL, Okta

professional

Daily Portalz

Macareux Digital Inc. · https://dailyportalz.jp

Paid editorial site: Amazon Pay and Pay.jp subscriptions, gated articles, and static HTML published to S3.

Concrete CMS, PHP, MySQL, Amazon Pay, Pay.jp, Riot.js, AWS

professional

Smile Assist Tokyo

AIRCAST Corp. · http://smile-assist.tokyo

Assistance-service product: CakePHP 3 API, WebView, and public site, delivered as project lead.

CakePHP 3, Bootstrap 3, PHP, MySQL

SKILLS

Languages	English (Business), Japanese (Basic), Bangla (Native), Hindi (Basic)
Back end	PHP, Laravel, Filament, Concrete CMS, MySQL, MariaDB, REST APIs, Symfony, CakePHP, FuelPHP, CodeIgniter
Front end	HTML5, CSS3, JavaScript, jQuery, Ajax, Bootstrap, Tailwind CSS, Riot.js
Cloud & DevOps	AWS, Docker, Git, Composer, Deployer, Apache
CMS & Commerce	Concrete CMS, WordPress, WooCommerce, OpenCart, Joomla
Payments & APIs	Stripe, Amazon Pay, Pay.jp, Okta, SAML, Backlog API

EDUCATION

2009–2011

MSc in Information and Communication Engineering

Islamic University, Kushtia, Bangladesh

2005–2009

BSc in Information and Communication Engineering

Islamic University, Kushtia, Bangladesh

2002–2004

HSC in Science

Shishukunja School & College, Jhenidah, Bangladesh

2000–2002

SSC in Science

Benipur High School, Jhenidah, Bangladesh

CERTIFICATIONS

2020-12-06

JLPT N5

Japan Foundation

2015-12-25

TOEIC

ETS — 750

2015-11-28

CSS

oDesk — GPA 4.88/5, Top 10%

2015-11-15 **Twitter Bootstrap**

oDesk — GPA 4.10/5, Top 20%

TRAINING

- Networking & ISP setup with Linux
- Workshop on Computer Hardware — CSM

INTERESTS

Web application development, Learning new technologies, Reading, Traveling, Sports, Music