

Results-driven Full-stack Software Developer with 7+ years of experience architecting and optimizing web applications across recruitment, government, finance, and IoT sectors. Expertise in React, PHP, Node.js, and MySQL, with a proven track record in API integration, cloud deployment, and implementing machine learning solutions. Successfully transitioned from finance to technology with a commitment to delivering scalable, user-focused digital solutions that drive business value.

## TECHNICAL SKILLS

**Languages & Frameworks:** JavaScript (ES6+), PHP, SQL, Node.js, React, Express.js, Laravel, CodeIgniter, Yii, TailwindCSS, AJAX

**Tools & Platforms:** Docker, Azure App Services, AWS, Drupal, TensorFlow.js, MySQL, Git, CI/CD, Jenkins

## PROFESSIONAL EXPERIENCE

### Software Developer

*Spencer Ogden • Jan 2023 – Present • Kuala Lumpur, Malaysia*

- Engineered advanced features for internal KPI tracking systems, improving management visibility into team performance
- Developed machine learning-based finance prediction models for more accurate financial forecasting
- Implemented Bullhorn API integration and optimized MySQL queries for faster report generation

**Tech stack:** PHP, Node.js, Express, AJAX, JavaScript, MySQL

### Software Engineer

*Poet Farmer • Jul 2022 – Dec 2022 • Kuala Lumpur, Malaysia*

- Developed robust backend solutions for City of Rotterdam's digital platform using Drupal
- Led backend development for International IDEA's democracy assessment platform using PHP and MySQL
- Contributed to Laravel backend development for Pedle, an IoT assistant for elderly users
- Built and maintained RESTful APIs with comprehensive documentation for internal and external consumption

**Tech stack:** PHP, Laravel, Drupal, RESTful APIs, MySQL

### Software Engineer (Contractor)

*PwC Malaysia • Aug 2021 – Jun 2022 • Kuala Lumpur, Malaysia*

- Expanded and maintained PwC Marketplace across Malaysia, Vietnam, and Indonesia
- Implemented secure deployment workflows using Docker and Azure App Services for high availability
- Established automated backup management systems for critical business data protection

**Tech stack:** PHP, JavaScript, CSS, MySQL, Docker, Azure

## Junior Software Engineer

*SagaOS • May 2018 – Jul 2021 • Kuala Lumpur, Malaysia*

- Developed core HR portal features and communication modules using PHP frameworks to improve internal workflow efficiency
- Designed and implemented intuitive job form workflows to minimize data entry errors
- Created backend tools for HR analytics that provided actionable insights for management
- Optimized SQL database queries to enhance page load performance

**Tech stack:** PHP, JavaScript, MySQL, CodeIgniter, Yii

## Product Management Analyst

*Global Atlantic Financial Group • Jul 2016 – Jul 2017 • Des Moines, Iowa, USA*

- Executed insurance policy illustrations and analyzed interest rate impacts on maturity values
- Created financial models to predict and evaluate product performance across market scenarios
- Collaborated with actuarial teams to refine product pricing strategies

## KEY PROJECTS

### International IDEA Democracy Tracker

[idea.int/democracytracker](http://idea.int/democracytracker)

- Developed backend systems for a global democracy monitoring platform providing monthly updates on democratic status worldwide
- Implemented data visualization features and content management system for policy researchers and analysts

**Tech stack:** PHP, MySQL, Drupal, JavaScript

### City of Rotterdam Digital Platform

[letoplood.rotterdam.nl](http://letoplood.rotterdam.nl)

- Contributed to backend development for Rotterdam's flood awareness platform
- Implemented content management features and user authentication systems

**Tech stack:** Drupal, PHP, MySQL

### PwC Marketplace Malaysia

[marketplace.my.pwc.com](http://marketplace.my.pwc.com)

- Developed and maintained e-commerce platform for professional services
- Implemented secure payment processing and user account management

**Tech stack:** PHP, JavaScript, MySQL, Azure

### Personal Portfolio Website

[yeeyangkok.netlify.app](http://yeeyangkok.netlify.app)

- Designed and developed a responsive portfolio showcasing professional experience and projects
- Implemented modern UI/UX principles with React and TailwindCSS for optimal user experience

**Tech stack:** React, JavaScript, TailwindCSS, Netlify

## BookAnyMovie

[bookanymovie.netlify.app](https://bookanymovie.netlify.app)

- Architected full-stack movie booking application with intuitive seat selection interface
- Integrated payment gateway for seamless checkout experience

**Tech stack:** React, Node.js, Express, MongoDB, Stripe API

## EDUCATION

**Node.js Course**, Udemy (Jul 2023 – Jan 2024)

**Full Stack Web Development**, NEXT Academy (Jan 2018 – Dec 2018)

**Bachelor's in Finance**, Drake University, USA (2013 – 2016)

**BBA**, INTI International University (2012 – 2013)