

PAUL OKWECHIME
Full Stack Developer
paulight24@gmail.com/562-354-8413

SUMMARY:

- Several years of strong experience building Front-End frameworks and technologies using Angular Js, Angular 2+, 4, 6, 7, 8, 9, 10, Angular Material, Ionic 4 /5, Bootstrap, jQuery, Ajax, UI, Ajax, Jasmine, Karma, Jest for code testing.
- Experienced UI / UX designer, with development experience building frontend UI (User interface) from design wireframes.
- Years of strong experience in software design and development in Java / PHP based applications - Java/J2EE technology.
- Deep understanding of Spring, Spring Boot, Mock testing, Hibernate, Restful, streams, lambda expressions.
- Experience with Node Js using relational databases (MySQL) and/or NoSQL databases (MongoDB)
- Experience building RESTful API's using Node Js, Express Js, Middle wares, NPM (package manager).
- Node Js experience utilizing the fs (file system), streams, Http Server creation, DB connect etc.
- Designing and developing Hybrid Applications using Ionic, Cordova and Angular 2+, 4, 6, 7, 8 for Android, iOS and Windows platform
- Deep Understanding of Angular 2+(Angular, 4, 5, 6, 7, 8, 9, 10) Framework.
- Designed and developed the CSRF token generation for all the vulnerable urls for several products to resolve security issues like Cross site scripting, SQL injections and Link injections.
- Customized feel and look of UI with Sass.
- Developed single page responsive Web UI using HTML5, AngularJS, Bootstrap, CSS3, JavaScript, jQuery.
- Found web site security issues (XSS, CSRF, session fixation, SQL injection, information leakage, application logic etc.) across various platforms.
- Creating fully automated continuous integration, continuous delivery, continuous deployment pipelines, DevOps processes and tools for multiple projects using Chef and AWS.
- Consumed REST based Micro services with Rest template based on RESTful APIs.
- Implemented RESTful Web services to retrieve data from client side using Spring boot.
- Advanced Experience working in Agile environments, Jira, Atlasian.
- Experience creating and managing stories, sprints, Story management and Source Control, also experience with CI/CD (Continuous Integration and Continuous development). Setting up AWS pipeline for both backend and frontend applications.

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- PHP Web Application Developer and Software Engineer in Development and Implementation of various Client/Server, Drupal, Web-based applications and developing e-commerce applications
- Understanding of providing Big Data Solutions in Google Cloud and Google App Engine, Firebase
- Strong experience in software design and development in Cloud (AWS) based services: AWS S3, RDS, Lambda, CI/CD, AWS Pipeline.
- Extensive Experience in Object Oriented programming with PHP frameworks like Code Igniter, Laravel and Development of Web Services (REST using JSON and PHP frameworks CodeIgniter and Laravel 5+)
- Strong and Extensive Experience in Design and Development of Reusable Web Applications using JavaScript/PHP/MySQL (jQuery, Angular 2+, 4, 6, 7, 8, 9, 10 JavaScript, MySQL, PostgreSQL, Mongo Db)
- Oracle Database Certified Administrator
- Content Management Systems (CMS) (Joomla, WordPress, Drupal)
- Experience in LAMP, WAMP, Drupal, WordPress, CodeIgniter and MVC frameworks and Over 7+ years of experience as a full stack developer
- Extensive experience on Web Technologies using PHP5.X, HTML4/5, CSS2/3, SASS, JavaScript, and jQuery on windows and Linux based operating systems
- Strong on Object Oriented Programming (OOP) Concepts using PHP 5, skilled at progressing from problem statement to well documented low-level code design
- Experience in developing websites using HTML 4.0/5.0, CSS3, JavaScript, JQuery, Ajax and JSON
- Experience of Front-End frameworks and technologies using jQuery UI 1.x, Ajax, Angular 2+, 4, 6, 7, Bootstrap
- Familiar with Git, AWS Code Commit, and GitHub for distributed revision control and source code management
- Detailed understanding of DOM and DOM functions
- 1+ Year experience using Python
- A good team player, Quick learner and Self-Motivated in web development
- Extensive Experience in Developing and maintaining complex web and mobile applications using PHP Object Oriented programming and web services
- Developed and maintained complex Hybrid mobile applications using Ionic / Angular
- Extensive Experience and certification in database administration SQL, MySQL
- Experience using with Google Cloud and Google app engine
- Provide code reviews for fellow web developers.

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- Experience in Complete Software Development Life Cycle (SDLC) including Analysis, Design, Development, Testing and Implementation of Client/Server, web based applications Using PHP and JavaScript technologies
- Extensive Experience in Object Oriented Design
- Understanding of Developing and Deploying Applications in Amazon Web Services EC2 Cloud, S3, Lambda AWS service.
- Photoshop (Advanced), CorelDraw
- Computer database management (SQL, ORACLE, MySQL, PostgreSQL, Google Cloud)
- Knowledge of customer service etiquettes / excellent and advanced computer skills, Outstanding collaboration skills
- Ability to work effectively as a team leader or member, Ability to work under pressure
- Excellent oral and writing communication skills – advanced English-speaking proficiency, excellent teaching ability

TECHNICAL SKILLS:

JavaScript Frameworks	Angular (Cordova, CLI), Node.js, Express Js, TypeScript, JavaScript ES6/ES5, JQuery, Ionic (Hybrid Development), PhoneGap. UI/UX, Ionic 4, 5 / Angular (Angular Fire /Auth, OAuth2 / firebase / Authorization, Angular Material, NgBootstrap), unit testing skills with Karma, Jest, Jasmine.
Java Technology	Java, Spring, Spring Boot, Java 7 Certified, Java 8, Java 11, Android SDK, Android XML, Hibernate, Rest Api, Streams and Lambda Functions, Tomcat, Android XML (Architect design and develop solution using Java and Android XML), Mockito (Mock testing & Junit), streams, lambda expressions.
PHP Frameworks	Laravel 4, Laravel 5+, Drupal, Code Igniter 2 & 3
Web Technologies	HTML5, CSS3, JavaScript, AJAX, JSON, RESTFUL, WEB SERVICES
Database	Mongo DB, AWS RDS, PostgreSQL, MySQL, SQL, SQLite, NoSQL, Google Cloud, Reddit, Oracle, AWS

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AWS Services	AWS S3, AWS Lambda, AWS Code Commit, AWS Code Pipeline, AWS RDS, AWS Elastic Beanstalk, AWS Code Build, AWS EC2
Content Management Systems	WordPress, Joomla, Drupal
XML	Android XML
Application Servers	Tomcat, Node JS, Oracle
Scripting Languages	Python
Version Control	AWS Code Commit, GIT bucket, GIT, GitHub
Operating Systems	Windows, Linux
IDE	Visual Studio Code, IntelliJ, Eclipse, Sublime, Android Studio, PyCharm, PHP storm.

WORK EXPERIENCE:

Full Stack Developer
Vedus Health, California, USA.

Dec 2019 – Present

Project description: Developed a medical Telehealth application during Covid19 for doctor / patient online video calls, meeting medical needs from a safe distance. I personally designed the UI, created complex backend services and integrated both.

Responsibilities:

- My responsibilities at included being the UI designer and developer of the PWA application for mobile, offline and web.
- Java Backend Development using Spring Boot and Hibernate, also connecting to third party libraries.
- Web service / Rest API / CRUD, development of the backend services for the application
- Database planning, designing and DB object mapping relationship management with Hibernate and JPA using PostgreSQL.
- Coded web hybrid application, using Ionic 4 and Angular 7
- UI design of the platform using Ionic 4 (Progressive Web App) and Angular 7
- Created login forms, contact forms, backend levelled access to the admin provider and client user
- Developed the applications functionality, connecting to Blink Session.

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- Created the backend for managing the posts and all content on the website
- Created Authentication and authorization for the backend application using Spring Security
- Implemented Authentication and authorization for the UI Front end
- Angular / Javascript RXJS for handling and manipulating data in the UI
- Utilized Java 8 Streams and Lambda Functions for the Java based backend
- Personally deployed the UI application using Amazon S3 and CodePipeline
- Implemented CI/CD (Continuous development and integration)
- Maintained development transparency using Jira
- List doctors, link list item search form for user input to search existing database for that keyword
- Created all registration, contact, login forms, and integrated it with spring security.
- Register Doctors, providers and client users, provide a list of doctors, and assign the clients with their choice of doctors.
- Enforced online payment for doctor services
- Created sorting algorithms for doctor data
- Optimized the application for offline using Ionic 4 PWA (The application also works offline).
- Optimised speed by using RXJS, Observables and application state management
- Developed the applications functionality using JQuery and JavaScript
- Created a service for video calls and conferencing between client and doctor.
- Assisted in deploying of the application backend on a continuous development and continuous integration AWS pipeline.

Environment: Angular 7 / 8, Ionic 4 / 5 PWA, Java 8, Spring Boot, Hibernate, ES6 JavaScript, PostgreSQL, Amazon S3, Amazon CodeCommit, Amazon EC2, CI/CD (Continuous development and integration), Agile, Jira, Adobe Photoshop.

Full Stack Developer**Apr 2019 – Nov 2019****Upwork, Los Angeles, California, USA**

Role description: Upgrade the telecommunications NoCable app, adding to its functionality. The app offers location based telecommunication services, and my job was to add certain features to its functionality and tracking system. As a full-stack developer I was also assigned planning / developing backend services, database design and development. I also maintained web applications and designed new ones as needed.

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Responsibilities:

- Worked with Angular, and Ionic to upgrade a hybrid mobile application, APK for android and iOS is used till now.
- A manual data page was created as a fall back in case of internet fluctuation
- Added using a Cordova Plugin the camera scan functionality to the application, to scan guests into the property.
- Backend Development using Spring Boot and Hibernate, mock testing
- Web service / Rest API, development of the backend services for the application
- Created login forms, contact forms, backend levelled access to the admin
- Developed the applications functionality
- Designed a new UI (User Interface) and migrated the web apps/ websites from
- Created the backend for managing the posts and all content on the website
- Worked on different other modules like blogs, search directory, policies, forms and protocols which provides various abilities to the co-workers to manage and search
- Worked on custom content type creation, Views building, custom module development including Features, and importing of old site users and content
- Used Angular framework for building web-apps and is highly efficient with the Spring Boot framework as well as using Restful services
- Developed and connected application to third party libraries
- Used javascript i.e. Angular extensively in the entire application
- Created user backend access at different levels
- Designed forms and user interfaces for administrator
- Created the User Management for different clients
- Created User Interfaces for different users
- Created the initial design to determine the look and feel of the website

Environment: Ionic 3 / 4, Angular 4, 7, ES6 JavaScript, JQuery, PostGreSQL, Java , Spring Boot, AWS, Node Js

Full Stack Developer
Christ Embassy, San Antonio, Texas, USA

Jan 2019 – Mar 2019

Project description: Design and maintain of the content management platform.

Responsibilities:

- Content management design, installation and management

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- Backend Development using Spring Boot and Hibernate, mock testing
- Web service / Rest API, development of the backend services for the application
- Database administration of the websites - 2 WordPress websites and 1 coded web hybrid application, using Ionic and Angular
- UI design and redesign of the frontend platforms using Angular 2+(Angular 3, 4, 5, 6, 7)
- Created login forms, contact forms, backend levelled access to the admin
- Developed the applications functionality
- Responsible for database backups of the websites
- Designed a new UI (User Interface) and migrated the web apps/ websites from WordPress to an OOP PHP coded CMS (I created the Content Management System)
- Created the backend for managing the posts and all content on the website
- Served as the IT/Social media team leader
- Creating and managing existing Application as requested, listening to user's feedback and upgrading application, trained programmer trainee's
- Database Routine backups, Provided Database on official request, Mail Dispatch Application Creation, Maintenance and upgrade
- Graphics designer of the project
- UI design of the platform
- Created item search form for user input to search existing database for that keyword
- Optimized the application for speed by using Google cloud and app engine, due to the large database of items MySQL was too slow for this project
- Developed the applications functionality using JQuery and JavaScript
- Created a web service for the application to access the google cloud database of items into the application
- Assisted in Hosting of the application on Google cloud,
- Built backend api using Node Js, Express, Mongo Db
- Added authentication and authorization using Json Web token (JWT)
- Utilized passport, Joi (validation) and other middlewares in development
- Assisted in Deploying node Js on Jenkins CI/CD pipeline on AWS EC2
- Created restful endpoints, database references between collections and created indexes for speed queries
- Setup node Js environment variables for Dev, test, QA and production
- Created custom middlewares and used typescript in creating strongly typed variable structures (+ES6)
- Created MongoDB Database Schema and structure for the application

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Environment: Java, Spring, Spring Boot, Hibernate, Angular 2+(Angular 3, 4, 5, 6, 7), PHP, JavaScript, Ajax, JQuery, MySQL, SQL, WordPress, Adobe Photoshop, JavaScript, JQuery, Python2, Google Cloud and PHP, Google Cloud App machine, Cloud data store, Node Js

Full Stack Developer

Dec 2017 – Dec 2018

(Java Web Programmer/Android Mobile App developer)

RCCG Long beach, Los Angeles, CA

Project description: Develop and Maintain mobile, web and hybrid application platforms for the organisation.

Responsibilities:

- UI design of the platform using Android XML
- JPA, Spring mock testing
- Created the web services to execute the back-end support and solely created the backend report page using Object Oriented PHP, JQuery, Ajax and JavaScript
- Work closely with the application development team to ensure proper integration between Mobile and Web application
- Used Android Studio for development - Android XML UI
- Responsible for developing web services for the user login screens and data upload functionalities for the Guest based Android app
- Thorough understanding of CSS principles with a clear ideology for managing maintainable, scalable and cross-browser code
- Deep understanding and working experience in Object Oriented JavaScript programming and JavaScript Spring MVC frameworks
- Used various bootstrap components like accordion, date picker, time picker, alert, and buttons

Environment: Java, Android XML, Bootstrap, CSS3, HTML5, PHP Web services, REST API, JavaScript, Ajax, MySQL, SQL. , Node Js

Programmer/ Android Mobile App developer

Jan 2013 – Dec 2017

Mission Support

Project description: To create a school management mobile application for the school. This application will also organize student classes, online tests, registration, exams, collect

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student data and upload it to the server for report and attendance purposes, also, to create a mobile application for attendance as an upgrade. Added Access control functionalities to the web application using barcode scanners

Responsibilities:

- Upgraded the application to use QR Codes to scan in students from an android mobile application
- Worked with a team in developing the UI and Webservices for the Android access control application
- Managed, maintained and upgraded the reporting back end of the web application using PHP and JavaScript / JQuery
- Work closely with the application development team to ensure proper integration between Mobile and Web application
- Used Android Studio for development - Android XML UI
- Responsible for developing web services for the user login screens and data upload functionalities for the Guest based Android app
- Served as the IT Team leader, Creating and managing existing Application as requested, listening to user's feedback and upgrading application, programmer trainee's, database Routine backups, Provided Database on official request, mail Dispatch Application Creation, maintenance and upgrade, leading my team in providing zenith solutions, software updates, hosting of application

Environment: PHP, webservices, REST API, JavaScript, Ajax, MySQL, SQL, Java, Android XML, Bootstrap, CSS3, HTML5

Programmer / Web Developer, Product development
Empowered 4 wealth

Jun 2010– Dec 2012

Project description: Design of content management websites for clients

Responsibilities:

- Manage websites for clients
- Update and upgrade websites as requested by clients
- Provide creative advice on technology implementation in the company
- Online branding of companies
- Served as the IT/Social media team leader

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- Creating and managing existing Application as requested, listening to user's feedback and upgrading application, trained programmer trainee's
- Database Routine backups
- Served as the IT/Social media team leader
- Creating and managing existing Application as requested, listening to user's feedback and upgrading application
- Developed MVC based applications using Code igniter Framework
- Maintained web applications and e-commerce web sites within a LAMP (Linux, Apache, MySQL, and PHP) environment that includes distributed web servers and a MySQL database cluster
- Building and modifying PHP websites using PHP Joomla and WordPress
- Coding of custom WordPress theme and template files using HTML, CSS, PHP, and Bootstrap framework
- Worked Extensively on MySQL as a backend
- Developing compatible User Interface functionality using jQuery & other libraries
- Database administration of the websites – 2 WordPress websites and 10 coded web applications
- UI design and redesign of the platforms
- Created login forms, contact forms, backend levelled access to the admin
- Developed the applications functionality
- Responsible for database backups of the websites
- Designed a new UI (User Interface) an migrated the web apps/ websites from WordPress to an OOP PHP coded CMS (I created the Content Management System)
- Created the backend for managing the posts and all content on the website
- Served as the IT/Social media team leader

Environment: HTML, CSS, PHP, JavaScript, Joomla, WordPress, Drupal, PHP, Drupal, WordPress, Angular 4 & 5, JQuery, JavaScript, MySQL, Code igniter, Ajax.

Additional Information:**Skills:**

- Languages: Java, PHP, JavaScript, SQL, Python, Node Js.
- Technologies: Angular, Ionic mobile development, Spring, Spring Boot, Hibernate, AWS, AWS S3 / Labda, AWS RDS, AWS Pipeline CI/CD, Mock Testing, Git, Laravel, Angular 2+(Angular 3, 4, 5, 6, 7, 8, 9, 10), CodeIgniter, WordPress, Drupal

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- Possesses outstanding communications, creative and innovative skills