

PETE BOWEN

SOFTWARE ENGINEER

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ABOUT ME

As an accomplished software engineer with over 15 years of experience, I have dedicated my career to supporting and enhancing business solution software. My robust technical expertise, coupled with sharp analytical abilities, positions me as an asset to any organization. I am eager to leverage these skills to contribute to the achievement of your company's goals, ensuring that every project I touch is aligned with the highest standards of excellence and innovation.

WEBSITES & SOCIAL LINKS

File Converter:

<https://www.filevee.com>

Password Generator:

<https://www.passwordsense.com>

LANGUAGES

English

WORK EXPERIENCE

SOFTWARE ENGINEER | FEB 2022 - PRESENT

AGILLAPRO, GAINEVILLE, VA

Designed and implemented product and category management solution using PHP, JavaScript, HTML5, CSS3, jQuery and web components built from scratch to meet specific requirements.

Used the latest Laravel Framework technologies for building robust web applications, implementing roles and permissions features for security and user accessibility.

Create database schema for internal and internet web applications.

Improved web application performance by making proactive adjustments and resolving bugs.

Partnered with team members and management to maximize productivity using Google Feeds API which increased company revenue.

Optimized SQL queries to increase overall performance of web applications.

Designed and implemented Flex Delivery System solutions, giving customers more options for delivery of products and services.

Implemented customer payment checkout solutions using PayPal API and AmazonPay API technologies.

Designed, modified and implemented new and existing technology solutions for the company.

Worked to meet the specific needs of the company through groundbreaking software solutions.

Effectively carried products and processes from concept to completion.

Capitalized on software engineering expertise to troubleshoot complex issues for various projects.

Built cutting edge tools and applications to meet strategic business goals.

Carefully designed, tested and built new products and features that resolved issues and advanced software.

Work closely with teammates to improve the user experience and ensure reliable and secure data protection for our customers.

Performed testing of high-value, mission critical deliverable systems.

Worked with management and team to figure out best protocols and designs to solve business problems.

Handled complex data modeling and performance testing processes.

Created and implemented user interfaces using best practices and

tools.

◎ **WEB DEVELOPER | JAN 2022 - MAY 2024**

F R E E L A N C E

Created and implemented algorithm to generate random passwords.

Designed and implemented a file conversion web application using PHP with Laravel Framework.

Install and configure multiple websites on Virtual Private Server (VPS).

Setup email service on Debian Linux System using Postfix, Dovecot and MySQL.

◎ **WEB DEVELOPER | FEB 2006 - AUG 2007**

F R E E L A N C E , K I N G S T O N , J A M A I C A

Developed web application back-end code using PHP and MySQL database.

Utilize Ajax, jQuery technologies to create responsive web applications.

Use REST API via CURL to communication with remote resources.

◎ **WEB DEVELOPER | SEP 2007 - DEC 2007**

T S D J A M A I C A L T D . , K I N G S T O N , J A M A I C A

Created web application using PHP to parse documents scanned by Optical Character.

Using PHP and JavaScript with Recognition Software (OCR) to output files to Microsoft Excel Format (XLS).

◎ **ANDROID DEVELOPMENT | FEB 2014 - JULY 2017**

F R E E L A N C E

Implement new features for various android applications in Java.

Did collaborative work with engineers and work together to complete the different phases in the app development.

Developed native android applications and frameworks using Java.

Used expert knowledge in resolving problems within the android ecosystem.

Participated in the complete Software Development Life Cycle (SDLC) for development, testing and code enhancement.

Played a essential role in developing application logic using IntelliJ Idea IDE and the Android SDK.

Responsible for UI resource development.

Built device compatibility apps for different versions of the android OS.

Played role in mobile development lifecycle from start to finish.

Performed testing on physical devices and the android emulator.

Maintained app by debugging, doing unit tests and testing app user interface.

Designed and developed android mobile application with extensive UI development.

Implemented UI design for portrait and landscape mode.

Utilized web views, list views and populated lists displayed from

database using simple adapters.

Responsible for consuming REST API services by sending and receiving JSON objects and parsing them for display and database storage.

Integrated location based services using Google Maps API for displaying locations of app users.

Implement SQLite databases to store and retrieve data to facilitate local caching.

◎ WEB DEVELOPER | MAR 2008 - JUN 2019

OLYMPIC SPORTS DATA SERVICES, MONTEGO BAY, JAMAICA

Planned, developed, tested, debugged, deployed and maintained web applications.

Created stored procedures and wrote SQL statements for data storage and retrieval in SQL Server and MySQL.

Worked efficiently both independently and in a team setting.

Used RESTful API architecture for HTTP requests to access and use data via remote resources.

Provide beneficial technical support to colleagues.

Implement programming procedures to make the development process more effective.

Made sure policies and procedures were followed related to application methods and quality standards at all times.

Implemented credit card processors Neteller, PaySafe, Wirecard, Moneybookers (Skrill) via RestAPI.

◎ ANDROID DEVELOPMENT | FEB 2018 - SEP 2020

FREELANCE

Implemented new features in various applications in Java and Kotlin.

Integrate 3rd party libraries including ZXing, Picasso, Retrofit and Room.

Used REST based web services and JSON parsers for secured data interchange.

Worked in layout using both xml and custom android views.

Used SQLite database to store data for local caching for offline access.

Used MVC (Model-View-Controller) and MVVM (Model-View-ViewModel) architectural pattern to keep code separated, cleaner and more structured.

Work on bug fixing and improving application performance.

Perform unit-test code for robustness, including edge cases, usability, and general reliability.

Continuously discover, evaluate and implement new technologies to maximize development efficiency.

Implementing Telephony features to intercept incoming and outgoing calls using Broadcast Receivers.

Implement Content Providers component to retrieve and display phone book contacts.

Created services to perform long background operations when necessary.

Created custom adapters, base adapter, list views, web view, text views, card views, recycler views, alert dialogs and so on.

Worked with multiple remote resources and APIs.

Implement third party libraries (Picasso, Glide, ZXing, FFmpeg etc.) to process and manipulate images, audio files, barcodes etc.

◎ WEB DEVELOPER | JULY 2020 - APR 2021

REAL ARENA SPORTS (RAS)

Developed, optimized and maintained website and application utilizing HTML, CSS, C#NET, MySQL, JavaScript, jQuery and various APIs to meet my clients needs and goals.

Engaged with client for suggestions and feedback throughout the development and implementation process.

Cross-tested website functions across multiple browsers and mobile devices.

Built databases, tables, stored procedures to facilitate data storage and retrieval.

SKILLS

HTML5



SQLite



GIT



RESTful API



AJAX



Full Stack Development



Retrofit



EDUCATION

◎ ASSOCIATE OF ARTS | 2011

UNIVERSITY OF PHOENIX

Phoenix, AZ