

ARTHUR PEMBERTON

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PROFESSIONAL SUMMARY

Dynamic applications architect and lead web applications developer with over 15 years of experience in designing, developing, and deploying scalable solutions, complemented by more than 20 years of expertise in building and administering websites. Proven track record includes desktop support, software architecture, IT systems management, and team leadership, with a strong focus on delivering cost-effective solutions to real-world business challenges. Specialising in web application development using Python/Django and PHP/WordPress, alongside ETL processing with Python, ensures a robust technical foundation. Committed to fostering tech talent through internship programs and mentorship initiatives, contributing to the growth of the next generation of developers.

SKILLS

- | Technology | Percentage of Respondents (Approximate) |
|-------------------------------|---|
| Web application development | 100% |
| RESTful API development | 90% |
| HTML, CSS, JavaScript (ES5) | 100% |
| Bootstrap | 100% |
| Vue.js | 70% |
| Python, PHP, Bash | 100% |
| Django, WordPress | 100% |
| PostgreSQL, MariaDB, SQLite | 90% |
| CentOS, RedHat, AlmaLinux | 80% |
| Rackspace, AWS, Digital Ocean | 90% |

EXPERIENCE

01/2020 to **Owner and Applications Architect**

Current **767.dev, Ltd.** – Roseau, Dominica

- Managed day-to-day business operations.
- Consulted with customers to assess needs.
- Bid, designed, managed and developed websites, web applications, APIs and ETL workflows.
- Led cross-functional teams to deliver high-quality software products within established timelines.
- Mentored junior developers, fostering skill growth and encouraging best practices in coding standards.

08/2017 to **Applications and Systems Architect**

Current **Mediagistic, Inc.** – Tampa, FL

- Responsible for in-house application design, development and deployment; along with client facing IT systems and infrastructure.
- Led several projects, creating web solutions for clients.
- Created various prototypes for product development teams.
- Served as product owner for outsourced development efforts.
- Created custom automations to improve business efficiency.
- Warehoused data for inclusion into reporting and visualizations.
- Analyzed system performance metrics to optimize infrastructure and ensure high availability of services.
- Conducted regular system audits, identifying vulnerabilities before they were exploited by malicious actors or caused operational issues due to misconfigurations errors.
- Decreased downtime for critical systems by designing and implementing effective backup and recovery procedures.
- Provided expert guidance during the procurement process, ensuring that selected technology solutions aligned with organizational objectives and delivered maximum return on investment.
- Recommended strategically important technology investments based on detailed cost-benefit analyses.
- Presented architectural proposals to senior management, securing buy-in for strategic initiatives.

2006 to **Full Stack Web Developer**

Current **Freelance** – Tampa, FL

- Developed and maintained branding and informational websites.
- Developed and maintained software applications using modern programming languages and frameworks.
- Created custom integrations and features for CRMs via direct RDBMS manipulation.
- WordPress website migration, maintenance and optimization services.
- Custom WordPress development: plug-in to allow apartment rental company to accept online payments.
- Built a corporate identity and e-commerce solution for a home goods and building supplies retailer.
- Consulted with a team of Django developers to help troubleshoot some performance issues.
- Data extraction, transformation, and loading using Python.
- SaaS application development: will creation, executive client coaching management, competitive fitness event management.
- Augmented Django development teams to quickly develop applications modules.

- 08/2015 to 08/2017 **IT Manager and Web Developer**
Mediagistic, Inc. – Tampa, FL
- Served as liaison between company and managed service provider (MSP).
 - Managed and assisted with network security and disaster recovery plans.
 - Migrated public internet infrastructure from on-premises and co-located data centres to cloud platforms.
 - Hired and managed various technical staff: IT support, web designers, web developers, QA engineers.
 - Managed in-house teams of web designers and web developers.
 - Managed hosting of hundreds of WordPress websites on a custom, high-availability Linux setup.
 - Collaborated with senior leadership to align IT strategy with organizational goals, driving innovation and growth.
- 08/2011 to 08/2015 **Web Developer**
Mediagistic, Inc. – Tampa, FL
- Built data utilities to ingest data from a variety of third-party vendors.
 - Generated reports to aid with business decision making.
 - Built applications to facilitate new clients signing up for marketing services.
 - Setup new version control systems; migrating from older technologies.
 - Developed web application for industry specific CRM and ERP functionality.
 - Coded websites using HTML, CSS, JavaScript, and jQuery languages.
- 08/2010 to 08/2011 **Web Designer**
Mediagistic, Inc. – Tampa, FL
- Designed user-friendly websites for customer experience and engagement.
 - Collaborated with cross-functional teams to align web design with brand strategy and marketing goals.
 - Streamlined design processes, introducing new tools that improved workflow efficiency by 30%.

EDUCATION

- 05/2010 **Master of Science: Computer Science**
University of Missouri-Kansas City - Kansas City, MO
- 05/2010 **Bachelor of Science: Computer Science**
University of Missouri-Kansas City - Kansas City, MO
Minors in Mathematics and Physics
- 06/2003 **General Certificate of Education A-Levels: Computer Science**
Dominica State College - Roseau, Dominica