

CRISTINA D. LESTER

Analyst programmer with 3+ years of professional experience in web development (front end/back end), design, system management and maintenance.

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cristinadelgaudio.top

Work experience

Full-Stack Dev, Web Dev, System Admin, Team Trainer 09/2013 - 10/2016

LIBERSOFT SRL

- Implemented autorun Bash scripts on Linux servers to fill up database tables with new incoming data and run maintenance procedures at night time, improving servers' efficiency rate of 60% during business hours;
- Refined and improved existing documentation system, resulting in reduced labor costs totaling 9600€ annually via increased workplace efficiency;
- Reviewed and improved existing software with updated technologies, obtaining better performance and increasing visibility by 10% per week after applying SEO best practices;
- Designed UI/UX for internal software and external clients' software, satisfying new best practices and web requirements about grid system and mobile-first interfaces to deliver a clear, intuitive and interactive environment to the final consumer
- Developed websites for LiberSoft and other clients, analyzing the priorities and performing full stack development for each of them which increased the visibility by 10% per week and improved LiberSoft's income up to 38000€/year(Main projects developed: [MiBACT Toscana](#), [Imparaora Firma Digitale](#), [SeiToscana](#), [Glass Design](#), [Tattooa](#));
- Protected systems with RSA public/private keys over SSH remote connection after investigating alerts created by IDS/IPS including malicious file uploads, compromised servers and SQL injections;
- Implemented custom plugins and modules for Drupal, WordPress and SugarCRM platforms;
- Trained over 10 new staff members about web development, PHP coding and WordPress CMS, obtaining a fully prepared development team within 2 week;
- Directed 3 development teams to prioritize needs, satisfy clients' requests and deploy working solutions in a short time, obtaining a significant increase of daily commits and reducing delivery time by 20%;
- Cooperated with external companies to improve existing web interfaces for their products, which increased the usability by 80% and procured for LiberSoft new cooperation contracts that translated into 8000€/month to LiberSoft's income for each new hired developer;
- Assisted clients and coworkers in troubleshooting, reducing company's costs by 990€/year.

Web Developer, Web/Graphic Designer, System Manager 12/2010 - 09/2016

FREELANCE

- Interviewed the client about structure and content of the new website and wrote down a clear documentation about the project;
- Planned system architecture according with the client's requirements and needs, improving the user experience by 50% and the organization of the content by 100% using data structures for a dynamic visualization instead of static text type data;
- Set up and configured remote server, installed OS and Content Management System (such as Drupal or WordPress), customized the interface and adapted it to a responsive design based on Bootstrap framework (or similar);
- Maintained system, platform, database and plugins weekly, backed up data and code, adjusted configurations to meet the client's needs;
- Migrated data through different CMS, re-built databases and structures and restored older backups via command line;
- Analyzed data traffic through Google Analytics, reported results and improved SEO by doubling the number of clicks weekly;
- Deployed a mirror development server, versioned updated code and deployed via Git on production server;
- Recorded tutorial videos to train users to work with the new platform, described the main functionalities and gave instructions to create new contents.

Main Projects: [ICMD](#), [The Magdalene Band](#)

Web Developer, System Manager, Graphic Designer 11/2009 - 12/2010

L'ALBA ASSOCIAZIONE (Volunteering job in a community center)

- Assisted users with disabilities to use Macintosh or PC calculators, improving accessibility by 30% and stimulating users' interest about new technologies through specific workshops;
- Improved company's website accessibility by applying best practices, re-designed user interface to clarify and organize concepts, enhanced readability of the text for people with poor eyesight;

Languages

HTML, XML, CSS, JavaScript, JQuery, Python, Java, C, PHP, SQL, Bash

Systems

Linux, (Ubuntu, Mint, Debian, KDE), Windows (2000, XP, Vista, 7, 8, 10)

Platforms

Drupal, WordPress, Moodle, SugarCRM, SuiteCRM(frontend/backend development)

Frameworks

Django, Symfony, Bootstrap, Materialize

Services

Google Analytics, Piwik, MailChimp, Mandrill, DigitalOcean

SysAdmin

MySQL, PostgreSQL, MongoDB databases | Apache and Nginx web servers

Dev Tools

Atom, Sublime Text, Eclipse, Git, MySQL Workbench, PHPPMyAdmin, PHPPGAdmin

Networking

TCP/IP, UDP, FTP, SSH, SFTP, HTTP, DNS, SMTP protocols

Image and Text editing

Adobe Photoshop, Adobe Illustrator, GIMP, InkScape, Krita, Microsoft Office, OpenOffice

Spoken Languages

- Maintained Joomla! system, updated database, code and plugins, backed up data every week;
- Set up automated email reply system and built HTML email templates for newsletters, avoiding spam labels and black lists;
- Designed posters and flyers to print, using Adobe Photoshop, Gimp and other tools.

Education

Computer Science, 164/180 credits completed

09/2006 - 09/2009

UNIVERSITA' DI PISA - Facolta' di Informatica

Related completed coursework: Java, C, SQL, PHP, HTML, CSS, Javascript programming workshops | Algorithms | Databases | Cryptography | Computer Networks | Computer Architectures | Numerical analysis | Software Engineering

English(fluent), Italian (native), Spanish(basic knowledge)

Front end skills

HTML



CSS



JavaScript



WordPress



Drupal

