Alexey V. Pichugin
43 years' old

Full stack developer
php, sql, js, jquery, css, html, git, docker, phpUnit, mvc, api, c#, linux

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Summary:

Commercial experience in development since 2019, more like a backend crm developer in php.
Basically my role was to:
- Writing understandable code using the OOP principles of SOLID programming and the MVC pattern
- Bug fixing and legacy code improvements
- Composing complex sql queries
- Writing tasks for the scheduler, setting up scripts and queues to run
- Configuring crm API integration with external services
- CI/CD - git
- Frontend - js, jquery, css, html
- Teamwork, carry out tasks, interaction with the developer, business analyst, consulting technical support and testers on the details of the algorithms (code analysis and log parsing)

At the last job at the bank, I got new experience for installing, configuring and implementing centralized systems Ansible (polemarch) and Elasticsearch.

Yii-2 and Bitrix - few month of superficial experience under civil law contract.

Self-educated on pet-projects:
hub.docker.com/repository/docker/rightjoint/jointsite
(it's still pretty raw project that I often rewrite to own satisfactions. I'm not so experienced in frameworks as MVC applications and just learn how to use standards to share code)
- Native php-8 implements MVC-pattern and PSR-standards
- MariaDB image and apache web-server
- php composer, autoload custom namespaces
- CI/CD: git, dockerhub, workflow
- Debbuging: xDebug in ide phpStorm
- Testing: phpUnit
- REST
- Oauth social networks vk, ok, facebook
- Port forwarding on the router, checking the availability of the application in the docker container via the Internet

C#: rightjoint.ru/products/jointpass
Windows (WPF) password organizer
- Security.Cryptography
- IO
- Linq
- Windows.Media.Imaging

English: B1 (understand with subtitles) just need real conversation practice to speak confident.

Experience:

Transcapitalbank ^(Financial Sector)

February 2022 — March 2024

Specialist

Suite CRM on php. Create various types of applications for banking products by branches and transfer approval sheets and documents for them by departments.
- Elimination of software (implementation) and logical (task-setting) errors
- Fixing errors, consulting technical support and testers on the details of how algorithms work (code analysis and log parsing)
- Improvements to existing and creation of new functionality. A fitch of the type of duplication of an application from one module to another with certain fields, with copying documents from subpanels of the original (development of forwarding missing parameters to the php script of the duplicate saving module, duplication of documents using the ORM suite crm model, fixing emerging bugs in document hooks)
- Automation of business processes such as automatic creation of approval sheets and sending notifications to departments when creating/changing applications
- Composing complex sql queries with aggregation functions that implement business logic
- Writing scheduler tasks, setting up queues
- Frontend - small tasks in js with DOM, jquery, ajax and using libraries. Troubleshooting errors related to asynchrony
- Support and participation in the integration of the crm system with external API services with curl authorization, data bus (CFT, accepting applications from the bank's website, creating a legal opinion)
- CI/CD: participation in sprints, splitting release tasks into branches, transferring the release to stands from git, migrations, configuring configurations, clearing the cache, checking logs
- Writing instructions: related the release transfer to test benches, accounts and the protocol for working with them. Instructions for web application logs and ngin logs
- Teamwork, completing tasks: interaction with developers, a business analyst, consulting technical support and testers on the details of algorithms (code analysis and log analysis), assistance in maintaining documentation in confluence
- Task reporting in jira

Ansible c polemarch:
• Configuring software according official guides: enabling extended logs to find out problems, check/configure services, ports, directory access rights
• Installing/configuring missing software like jango and redis
• Setting up hosts, groups, and writing playbooks yaml. Checking on test tasks and translating working cron scripts to Ansible

Elasticsearch:
• Installing and configuring harvesters filebeat on work machines, adding a service to the startup
• Configuring pipelines in Logstash according to official guides
• Setting up a rollover lifecycle policy for storing logs in the hot phase
• Creating test logs, searching for documents with devtool kibana

windows plas-plus ^(manufacture of plastic windows)

October 2021 — December 2021

Programmer

- Configuring reports on the company's internal web portal in php, msSql, java script (jquery, ajax), html: troubleshooting, creating new reports and filters, writing selection queries to the MS SQL database, developing data representations in the form of google charts and pie charts with canvas
- Customization of the algorithms of the winDraw program in c#: small edits in the code of the program for manufacturing products for machines, adding conditions for changing the timing of the stages of manufacturing products on Gantt charts when booking an order

ltd leader-tex ^(textile)

September 2019 — February 2021

crm programmer

Completion of the Sugar crm system of the sales office on php, nginx and MySQL server and Linux VM. Wholesale trade, hot calls, about 300 users and 1000 opportunities per day, calculation of prices and delivery times in cities, creation of necessary documents for the transaction, accounting of goods in warehouses, calls, working hours, salaries, integration with 1C
- Troubleshooting and refactoring legacy php and js code using the mvc pattern and SOLID, KISS, DRY programming principles
- Completion and creation of new CRM and fitch modules: managers' salary project and adding a test mode for calculating the PO when entering the expected completion. Automating the creation of price lists for mailing, setting up a time tracking script, shopping cart scripts, etc.
- Integration and support of the crm system with the API of external services such as kladr, Yandex maps, SberPay, the company's website on bitrix
- Configuring php scripts for remote procedure calls to transfer the implementation of transactions from crm to 1C postgresql database using a SOAP client
- Optimization of MySQL queries and tables in the database, setting up triggers, procedures, reports, table locks
- Automating manual tasks like synchronizing the HR staff calendar with the managers calendar in a deal to automatically change delivery dates when adding holidays
- Configuring cron php scripts for processing queues of transactions for synchronization with 1C in case of unavailability of the service
- Revision of cron php scripts for updating prices and balances from 1C. Parsing and loading leads
- Server operation monitoring, log analysis
- CRM User Support

There was no CI/CD, for about a year I worked on crm independently on tasks, interacted with a 1C programmer. The head of the department was a business analyst, the testers were mostly managers, the errors were monitored by the quality control department.

Most of the CRM errors have been fixed, and users have stopped complaining to support. The page loading speed has increased despite the complexity of the logic and the increase in the number of users.