**Karthik Pandi S – PHP Developer**
No:9/37, Sri Sivasakthi Nagar, Barathi Nagar, Coimbatore - 641006

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**Career objective**:

 Software Developer skilled in software design, development, integration, and providing support. Having good knowledge of PHP. Experienced in full project life cycle from design to implementation to integration.

Looking for a suitable developer position with an ambitious & exciting company.

**Technical Knowledge**:

* Language skill set: PHP, jQuery, HTML, CSS, MySQL
* Good Knowledge on Amazon EC2 instances
* MySQL and Amazon DynamoDB
* Worked in Redis Data Management
* Excellent in object-oriented programming using PHP
* Excellent in PHP CodeIgniter, Laravel Frameworks.
* Server Administration.
* Operating Systems - Linux, Windows

**Personality Traits**:

* Good communication skills.
* Time management.
* Ability to grasp concepts quickly.
* Good team player and like to mix with people.
* Have ability to work dedicatedly & continuously in critical situations as and when required.

**Educational Qualifications**:

* Bachelor's Degree in Computer Science from Manonmaniam Sundaranar University in the year 2010 with 62.08%

**Certifications**:

* Certifications in Web Development Module using PERL & PHP from JUMP Academy (Duration - 3 months)

**Work Experience**:

Designation: Junior Product Engineer
Organization: Ad2pro Media Solutions.
Duration: 2 years (October 2014 - July 2016)

Designation: Software Engineer
Organization: Expletus Media Marketing
Duration: 1.5 years (Dec 2016 – Apr 2018)

Designation: Web Developer
Organization: Maiwand Technologies
Duration: 1 year (May 2018 – Aug 2019)

Designation: Consultant – As a freelancer
Organization: Crystalpro Technologies
Duration: 1 Year (Sep 2019 – till now)

**Key Responsibilities Handled**:

* Worked as a PHP programmer in the projects Job Allocation System, and Mass Email System.
* Developed a website on CodeIgniter framework which will be an intermediary between users and android app data server.
* Launched and maintained this application in Amazon **EC2** instance.
* Used Amazon **DynamoDB** to handle big data.
* Used **Redis** data technology to reduce the data transaction that saves time and cost.
* Have developed a website as a single-page application (**newrie.com**) which is an e-commerce site that runs on core PHP.
* Worked in XML processing.
* File transactions between servers through SFTP and FTP.
* Worked in Mailer Scripts and **Amazon S3** File transactions.
* Enhancement of existing applications using PERL and PHP languages.
* Bug fixes in existing source code.
* Sorting the problems and difficulties while development of the software
* Provided maintenance and resolving production issues.
* Monitoring the regular failures and providing permanent solutions.
* Provided Knowledge Transfer to the new joiners.
* Involved in product deployment.
* Code checkout and check in by **GIT** commands.

**Key Projects Developed:**

**Project** # 1

**Declaration**: MLM based web application.

**Type:** Web Application deals with complete workflow of an MLM company.

**Technologies**: Core-PHP, MySQL, Amazon EC2 Instance

**Project Synopsis:**The major concepts of this application are commission-based calculations, Pair Matching conditions, pay-out reports and fund/wallet management in users’ profile, displaying tree structures. I have started this application from the scratch and the MLM calculations are done by myself based on the various client needs. Key plans included are:

1. Binary Plan

2. Auto-pool Plan

3. Level Plan

**Project Link:**

<http://apogees.net/app/login.php>

**Project** # 2

**Declaration**: Journal Application.

**Type:** Web Application deals with reviewing and publication of articles of students.

**Technologies**: Core-PHP, MySQL, Amazon EC2 Instance

**Project Synopsis:**Here the students can submit their research papers, so the reviewers can review and correct the errors, and the chief editor can manage the article review process like assigning and alerting the reviewers and the manger can publish it via the portal.

**Project Link:**

<http://masujournal.org/auth/login.php>

**Project** # 3

**Declaration**: Product Based MLM Application.

**Type:** Web Application deals with MLM concepts and selling herbal products.

**Technologies**: Core-PHP, MySQL, Amazon EC2 Instance

**Project Synopsis:**Here the users can purchase the herbal products with their wallet balance. A pure product based MLM application. (Binary Tree Structure).

**Project Link:**

<https://applehealthcare.co/>

**Project** # 4

**Declaration**: Web Application that interacts between huge databases (Android Application Details) and Users.

**Type:** Web Application deals with data's

**Technologies**: PHP CodeIgniter Framework, EC2 instance, Amazon DynamoDB, Redis.

**Project Synopsis:**It is a tool to handle all data about android applications like incentive and non-incentive installs, registers, logins, user details and revenues. The database will get filled with data like 100 / Second. So, we chose Amazon DynamoDB which is a NoSQL database that can deal with the big amount of data quickly. Launched this application in EC2 instance. Used a technology called Redis that will store some configuration data in Server's temporary memory (RAM) so that the transaction cost and time will be saved.

**Project** # 5

**Declaration:** E-Commerce Site (newrie.com)

**Type:** Web Application Development

**Technologies:** PHP, MySQL, HTML, CSS, JQUERY, Bootstrap.

**Project Synopsis:**

It is a web application for the client 'salona cotspin' and the URL is newrie.com. It is an E-Commerce site for selling leggings. This application is a single page application so the user doesn't need to wait for any clicks. Have used SMS systems, and Emailing templates and Emailing dynamic Invoice systems. Services have been handled by core PHP and MySQL.

**Project** # 6

**Declaration:** E-Commerce Site (247bakerstreet.com)

**Type:** Web Application Development

**Technologies:** PHP, MySQL, HTML, CSS, JQUERY, Bootstrap.

**Project Synopsis:**

It is a web application for the client 'bakerstreet' and the URL is 247bakerstreet.com. This application can handle online orders for bakery Items and also manage the user’s wallet system. Have used SMS systems, and Emailing templates and Emailing dynamic Invoice systems. Services have been handled by core PHP and MySQL.

**Project** # 7

**Declaration:** Job Allocation System

**Type:** Web Application Development

**Technologies:** LaravelPHP, Perl & CGI, MySQL, HTML, CSS, JQUERY.

**Project Synopsis:**
It is a tool to display the Job flow and allocate the Jobs which arrive from the client. Jobs are continuously flowing from the client and all the jobs should be allocated to a workflow server within 15 mins. This Application allocates the jobs to the respective workflow servers by the configuration and if there is any delay or if it cannot be able to allocate the job then the tool will automatically alert the respective team regarding the issue and display all the action history.

**Project** # 8

**Declaration:** Mass Email System

**Type:** Automatic Mailer Cron Job.

**Technologies:** Perl & DBI, XML.

**Project Synopsis:**
It is a tool to trigger emails to the client about the status of the jobs. Once a job reaches our server it has to be processed through multiple statuses like Submitted, In Production, Ready for Proof etc, and our customers want to know the status of their jobs at all times. So, this tool will trigger emails to them with the content of the Status, Job designer name and etc, All the contents are mapped in an XML and then the tool will mail the XML to the client.

**Project** # 9

**Declaration**: To Download and Upload files from/to Amazon S3 Bucket

**Type**: Automatic S3 File transaction Cron Job.

**Technologies**: Perl, Amazon S3 - Module, PHP web services, MySQL.

**Project Synopsis:**It is a tool to upload and download files to Amazon S3 bucket within a scheduled time frame. Once a job is completed, we will move the job to Amazon S3 bucket. And the same job will be available to the client whenever they want. The downloader is developed and merged with our JD application. It will download the completed jobs from S3 bucket

**Project** # 10

**Declaration**: To Develop a Customer relationship and Workflow management tool.

**Type:** Automatic Job Allocation and handling workflow.

**Technologies**: PHP, Laravel Framework, MySQL.

**Project Synopsis:**It is a tool to handle call records, active call details, and allocate jobs according to the call details. This is handling Email management, Records based on multiple filters and Admin management, Job management. And this tool interacts with SMS & Call API’s (Message 91 & Exotel).

**Project** # 11

**Declaration**: To develop a web application for a Multilevel Marketing Company as per their requirements.

**Type:** MLM 2\*2 Matrix application.

**Technologies**: Core PHP, MySQL, jQuery.

**Project Synopsis:**This application is for a MLM based company which needs bulk user management, Payment Gateway, Genealogy Tree Structure, Commission calculation with multiple conditions, Third Pay-out deduction, Pin management etc. I did the complete DB architecture and developed the application from the scratch alone.

**Project Link**:
<http://lifesolutiononline.in/>

**Project** # 12

**Declaration**: To develop a web application for an Multilevel Marketing Company as per their requirements.

**Type:** MLM 5\*infinity Matrix application.

**Technologies**: Core PHP, MySQL, jQuery.

**Project Synopsis:**This application allows the users to add an unlimited number of users below their ID but the commission calculation only considered for 5 depth in the tree. This application also developed from the scratch and completed within 3 days.

**Project** # 13

**Declaration**: To develop a web application for a paper publishing journal.

**Type:** Journal Application

**Technologies**: Core PHP, MySQL, jQuery.

**Project Synopsis:**This was developed with multiple plugins like PDF management (combine multiple PDF, create new PDF) with FPDF plugin, and integrated with payment Gateway. It allowed the live chat between authors and editors. This also shows the status of the submitted papers individually with a progress bar.

**Achievements**

* Appreciated for automating various tasks in error handling and email alert systems.
* Appreciated for the journal web application by the college Tamilnadu Agricultural University (Coimbatore) with a certificate.

**Personal Details**:

Sex: Male
Date of Birth: 11-03-1989
Age: 31
Marital Status: Single
Nationality: Indian
Interested Games: Carrom and Cricket.