Pankaj Pawar

Software Developer / Solution Architect / Creative Thinker / Team Leader

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I am a solutions-oriented person who thrives in challenging, fast-paced environments where my performance directly impacts the bottom line. I have an 13+ years' work experience. I have worked on various technologies like PHP, Node, Go, MySQL, jQuery, CMS like Joomla, WordPress & Magento.

I believe that my strong background in IT combined with my extensive experience in planning, executing, monitoring, and closing a variety of project.

I bring my years of relevant experience and my drive for results and positive outcomes. I am prepared for the next challenge in my career.

Personal Details

Date of Birth: 1989-06-14
Highest Career Level: 5+ years experience
Industry: Software Development
Total years of experience: 14

Work Experience

Sr. Software Engineer

Plainsurf Solutions-Pune, Maharashtra
Full-time
1 month notice period
May 2024 to Present

- Optimized existing systems for scalability and reliability.
- Implemented best practices for source control management such as Git or SVN.
- Provided technical support for existing applications and services.
- Managed a team of developers by providing guidance, feedback and mentorship.
- Maintained up-to-date documentation on all software projects.
- Performed code reviews to ensure high standards are maintained across all projects.
- Conducted performance tests on applications prior to release into production environment.

Skills: GO · Technical Leadership · Git · Application Security · Distributed Systems · Technical Solution Design · Technical Documentation · Node.JS · DevOps

Lead Development Engineer

Engro Technologies-Hyderabad, Telangana
Full-time
April 2021 to January 2024

- Researched new technologies that could benefit the organization's development efforts.
- Optimized existing systems for scalability and reliability.

- Implemented best practices for source control management such as Git or SVN.
- Provided technical support for existing applications and services.
- Managed a team of developers by providing guidance, feedback and mentorship.
- Maintained up-to-date documentation on all software projects.
- Coordinated with stakeholders to understand requirements and prioritize tasks accordingly.
- Participated in sprint planning meetings to discuss goals and objectives.
- Performed code reviews to ensure high standards are maintained across all projects.
- Conducted performance tests on applications prior to release into production environment.

Skills: Technical Leadership · Git · Application Security · HTML · Coding Practices · GitHub · Go (Programming Language) · Node.js · Root Cause · Software Systems · Amazon EC2 · Overseeing Projects · MySQL · AngularJS · WordPress · Debugging · Data Structures · Attention to Detail · Team Management · Amazon S3 · Amazon Kinesis · Algorithms · jQuery · Enterprise Solution Design · Distributed Systems · Technical Solution Design · Technical Documentation · AWS Lambda · React.js · JavaScript

Lead Software Engineer PHP

Zee Entertainment Enterprises-Mumbai, Maharashtra

Full-time

December 2019 to March 2021

• Introduced DevOps practices such as containerization, automation, monitoring., into the development process.

• Managed the release cycle of multiple projects ensuring timely completion of deliverables within budget constraints.

• Established communication channels between stakeholders for efficient collaboration throughout the project lifecycle.

• Conducted code reviews to ensure compliance with development standards and guidelines.

• Designed and implemented reliable distributed systems leveraging microservices architecture.

• Created detailed technical documentation for internal use by other engineers.

• Deployed software solutions using industrystandard continuous integration, continuous delivery pipelines.

• Provided guidance on architectural decisions such as technology stack selection, framework

• implementation.

• Used version control systems to track code changes and bug fixes.

Skills: Technical Leadership · Git · Application Security · HTML · PHP · Coding Practices · GitHub · Go (Programming Language) · Node.js · Root Cause · Software Systems · Amazon EC2 · Overseeing Projects · MySQL · CodeIgniter · WordPress · Debugging · Data Structures · Attention to Detail · Team Management · Amazon S3 · Algorithms · jQuery · Enterprise Solution Design · Microsoft Power Apps · Distributed Systems · Technical Solution Design · Technical Documentation · AWS Lambda

Team Lead

Innovizia Technologies PVT. LTD-Mumbai, Maharashtra

Full-time

March 2019 to December 2019

- Supervised the daily work of staff to ensure work prioritization and quality.
- Mentored and coached team members to ensure successful performance.
- Delegated tasks to team members according to project requirements and employee strengths.
- Reported staff progress, deficiencies, and training needed to management.
- Resolved problems and escalated high-level issues to supervisor within established timeframes.
- Addressed customer questions and recommended appropriate products and services to increase satisfaction.
- Communicated work goals and deadlines to employees to increase productivity and meet project benchmarks.

- Assisted in the recruitment and onboarding of new team members.

- Provided input for staff member's performance review.

Skills: Technical Leadership · Git · HTML · PHP · Coding Practices · GitHub · Go (Programming Language) · Node.js · Root Cause · WooCommerce · Software Systems · Amazon EC2 · Overseeing Projects · MySQL · CodeIgniter · Debugging · Team Management · Amazon S3 · jQuery · Enterprise Solution Design · Technical Documentation

PHP Team Leader

PEOCTY TECHNOLOGY-Mumbai, Maharashtra

Full-time

July 2017 to March 2019

- Created clear roles and responsibilities for each member of the team based on strengths and weaknesses.

- Provided guidance to the team on best practices for completing tasks efficiently and accurately.

- Demonstrated excellent problem-solving and decision-making skills in resolving conflicts between team members.

- Successfully led team of 7 members to deliver projects on time and within budget.

- Addressed customer questions and recommended appropriate products and services to increase satisfaction.

- Analyzed performance data to identify areas of improvement.

- Mentored and coached team members to ensure successful performance.

- Mentored junior staff by providing advice on how to handle challenging situations effectively.

Skills: Technical Leadership · Git · HTML · PHP · Coding Practices · GitHub · Root Cause · WooCommerce · Software Systems · Amazon EC2 · Overseeing Projects · MySQL · CodeIgniter · WordPress · Debugging · Team Management · jQuery · AWS Lambda

Team Lead

Modern I InfoTech-Nashik, Maharashtra

Full-time

March 2015 to December 2016

- Supervised the daily work of staff to ensure work prioritization and quality.

- Mentored and coached team members to ensure successful performance.

- Delegated tasks to team members according to project requirements and employee strengths.

- Trained staff on product knowledge to ensure customers received accurate information, displaying excellent instructional abilities.

- Reported staff progress, deficiencies, and training needed to management.

- Addressed customer questions and recommended appropriate products and services to increase satisfaction.

- Collaborated with other departments to ensure successful completion of projects.

- Assisted in the recruitment and onboarding of new team members.

- Provided input for staff member's performance review.

Skills: Technical Leadership · Git · HTML · PHP · Coding Practices · Go (Programming Language) · WooCommerce · MySQL · CodeIgniter · WordPress · Debugging · Symfony · Team Management · Magento · jQuery

Sr PHP Developer

Dewoo InfoTech-Nashik, Maharashtra

Full-time

July 2014 to February 2015

- Mentored junior developers by providing technical guidance and support on various projects.

- Conducted regular code reviews to identify potential bugs or vulnerabilities in source code files.
- Performed unit testing to ensure that developed code functions correctly under different scenarios.
- Developed complex web applications using PHP, HTML, CSS, JavaScript and MySQL.
- Implemented object-oriented programming principles such as inheritance, polymorphism and encapsulation in PHP projects.
- Utilized the latest technologies such as AJAX, JSON and XML to create dynamic web pages.
- Integrated third-party APIs into existing applications to improve user experience and functionality.
- Developed secure RESTful web services for mobile apps using frameworks like Laravel, CodeIgniter and Magento.

Skills: HTML · PHP · WooCommerce · MySQL · CodeIgniter · WordPress · Debugging · Team Management · Magento · jQuery

Sr PHP Developer

Web Minds-Nashik, Maharashtra

Full-time

May 2014 to July 2014

- Implemented object-oriented programming principles such as inheritance, polymorphism and encapsulation in PHP projects.
- Managed multiple concurrent projects to deliver high-quality solutions within tight deadlines.
- Resolved issues reported by end users in a timely manner while adhering to SLAs set by the client.
- Collaborated closely with team members throughout the software development life cycle.
- Optimized existing code for improved performance and scalability of web applications.
- Developed complex web applications using PHP, HTML, CSS, JavaScript and MySQL.
- Created custom modules for content management systems such as Drupal, WordPress and Joomla!.
- Developed secure RESTful web services for mobile apps using frameworks like Laravel and CodeIgniter.
- Conducted regular code reviews to identify potential bugs or vulnerabilities in source code files.
- Integrated third-party APIs into existing applications to improve user experience and functionality.
- Tuned query performance of MySQL databases to enhance application response times significantly.
- Debugged websites to identify and resolve potential problems.
- Utilized APIs to provide data to web applications.

Skills: HTML · PHP · MySQL · CodeIgniter · WordPress · jQuery

Jr PHP Developer

IT Design Lab-Nashik, Maharashtra

Full-time

October 2012 to April 2014

- Configured server settings such as Apache or Nginx for optimal performance.
- Developed efficient and maintainable code for several web applications using PHP and MVC frameworks.
- Created dynamic webpages with HTML, CSS, JavaScript, jQuery, AJAX, and Bootstrap.
- Built custom WordPress themes according to client requirements.
- Utilized MySQL databases to store and retrieve data from web applications.
- Optimized SQL queries for faster performance of web applications.
- Debugged existing code to identify potential issues before deployment.
- Tested websites across multiple browsers and devices to ensure compatibility.
- Developed databases that supported Web applications and Web sites.

Skills: PHP · MySQL · WordPress

Jr PHP Developer
Net Rockers-Pune, Maharashtra
Full-time
October 2009 to September 2012

• Participated in daily standup meetings with project managers and developers.
• Optimized SQL queries for faster performance of web applications.
• Configured server settings such as Apache or Nginx for optimal performance.
• Utilized MySQL databases to store and retrieve data from web applications.
• Created dynamic webpages with HTML, CSS, JavaScript, jQuery, AJAX, and Bootstrap.
• Tested websites across multiple browsers and devices to ensure compatibility.
• Analyzed user feedback to improve website interface designs and usability.
• Provided technical support for customer inquiries related to website functionality.
• Developed efficient and maintainable code for several web applications using PHP and MVC frameworks.
• Built custom WordPress themes according to client requirements.
• Wrote supporting code for web applications and websites.
• Developed databases that supported Web applications and Web sites.
• Documented test plans, testing procedures, or test results.
• Installed and configured hypertext transfer protocol (HTTP) servers and associated operating systems.

Skills: PHP · MySQL · WordPress

Education

BCA in Computer Science
Amrita Vishwa Vidyapeetham, Amritapuri - Coimbatore, Tamil Nadu
July 2021 to Present

Class XII in Electronics Engineering
K.T.H.M Collage - Nashik, Maharashtra
June 2005 to April 2007

Skills / IT Skills

• PHP (10+ years)
• MySQL (10+ years)
• JavaScript (6 years)
• Magento (1 year)
• MongoDB (7 years)
• WordPress (7 years)
• Joomla (3 years)
• Go (6 years)
• Node.js (5 years)
• React (3 years)

Languages

- Hindi - Fluent
- Marathi - Native
- English - Intermediate

Online Profile

http://pankaj91as.github.io/

https://www.linkedin.com/in/pankajshashikantpawar

Certifications and Licenses

CCNA: Introduction to Networks
June 2023 to Present

During this course, I learned & gain:
• Ethernet
• IP connectivity
• IP services
• IP Subnetting
• IPv4 And IPv6 Addressing
• Network Fundamentals
• Security Fundamentals
• Switching

Machine Learning Basics
September 2024 to Present

In this course, I Gain:
a) understand the basic concepts of machine learning.
b) understand a typical memory-based method, the K nearest neighbor method.
c) understand linear regression.
d) understand model analysis.

https://www.coursera.org/account/accomplishments/verify/TGMEHOYU167Q

Advanced Kubernetes Deployment Strategies and Networking
August 2024 to Present

In this course, I learned & gain:
• Explain the core concepts of Kubernetes deployment strategies
• Compare and contrast rolling updates, canary deployments, and blue-green deployments
• Analyze the benefits and drawbacks of different deployment strategies
• Describe the role of Kubernetes Services and Ingress in cluster networking
• Implement a custom Ingress configuration to manage traffic routing
• Integrate advanced deployment strategies with Kubernetes networking
• Troubleshoot common issues related to deployments and networking

• Optimize deployment and networking configurations for performance and resilience

Fundamentals of Kubernetes Deployment
August 2024 to Present

In this certification, I learned & gain:
• The Kubernetes Architecture
• How to create clusters and different installation configurations.
• How to do deployments and how they are scaled, updated, and rolled back.
• Knowladge of clusters, pods, and nodes, and dive into Persistent Volumes as well as Kubernetes Authorization and Authentication.

Kubernetes Integration and Advanced Orchestration Techniques
August 2024 to Present

In this course, I learned & gain:
• Describe the importance of Continuous Integration and Continuous Deployment (CI/CD) in Kubernetes environments
• Explain the role of Kubernetes in CI/CD pipelines
• Design and implement CI/CD pipelines for Kubernetes applications
• Evaluate the effectiveness of CI/CD pipelines in streamlining development workflows
• Explain the importance and benefits of Helm in Kubernetes package management
• Identify the components and architecture of Helm
• Create and manage Helm charts for Kubernetes applications
• Analyze and optimize the deployment of applications using Helm
• Explore the role and benefits of Kubernetes Operators and custom controllers
• Design and implement custom controllers and Operators for Kubernetes applications
• Explain the GitOps workflow and its benefits in Kubernetes environments
• Integrate GitOps workflows in Kubernetes cluster management

Securing, Monitoring, and Scaling Kubernetes Clusters
August 2024 to Present

After completion of this course, I learned & gain:
• Explain the role of Role-Based Access Control (RBAC) in Kubernetes security
• Identify the importance of network policies in cluster security
• Evaluate the effectiveness of RBAC and network policies in various scenarios
• Identify key metrics and indicators for monitoring Kubernetes clusters
• Compare and contrast popular monitoring tools for Kubernetes
• Analyze monitoring data to detect and troubleshoot issues in the cluster
• Explain the importance of resource quotas in managing cluster resources
• Describe resource quotas for efficient resource allocation
• Summarize the role of auto-scaling in managing cluster scalability

Cisco logo CCNA: Switching Routing and Wireless Essentials
April 2024 to Present

During this course, I learned & gain:
• Basic Device Configuration
• Switching Concepts
• VLANs

- Inter-VLAN Routing
- STP Concepts
- EtherChannel
- DHCPv4
- SLAAC and DHCPv6
- FHRP Concepts
- LAN Security Concepts
- Switch Security Configuration
- WLAN Concepts
- WLAN Configuration
- Routing Concepts
- IP Static Routing
- Troubleshoot Static and Default Routes

Using Machine Learning in Trading and Finance
February 2024 to Present

During this course, I learned & gain:
- Introduction to Quantitative trading
- Introduction about TensorFlow 2
- Introduction about Keras
- Build Momentum-based Trading System
- Built Pair Trading System Prediction Model
- Long Short-term Memory (LSTM)
- Machine Learning
- Artificial Neural Networks
- Recurrent Neural Networks (RNN)
- Convolutional Neural Networks (CNN)
- Deep Neural Networks (DNN)

Introduction to Deep Learning & Neural Networks with Keras
January 2024 to Present

During this course, I learned & gain:
- Describe what a neural network is, what a deep learning model is, and the difference between them.
- Demonstrate an understanding of unsupervised deep learning models such as autoencoders and restricted Boltzmann machines.
- Demonstrate an understanding of supervised deep learning models such as convolutional neural networks and recurrent networks.
- Build deep learning models and networks using the Keras library.

Machine Learning with Python
January 2024 to Present

During this course, I learned & gain:
- Introduction to Machine Learning
- Regression
- Classification
- Linear Classification
- Clustering

Google Cloud Essentials
June 2023 to Present

During this course, I learned & gain:
• Prepare Data for ML APIs on Google Cloud
• Set Up an App Dev Environment on Google Cloud
• Build a Secure Google Cloud Network
• Implement Load Balancing on Compute Engine
• Baseline: Data, ML, AI
• Baseline: Infrastructure
• Networking Fundamentals in Google Cloud
• Google Cloud Essentials

Git for beginners with Hands-on Labs
October 2024 to Present

I learned how to get up and running with Git, how to use it in my daily life, and gained a deeper understanding of what Git actually is under the hood. The course guided me through 19 sections that familiarized me with Git and its possibilities. It covered both local and remote Git repositories, how to add version control to my project using branches, and introduced me to useful commands that made working with branches even more powerful, like fetching, pulling, rebasing, and cherry-picking.

In addition to common Git commands, the course dived into the internals of Git and explained how it works under the hood. The course was project-based, so I worked as part of a team and learned how to share my work with my teammates. Hands-on labs were embedded throughout the course, ensuring I gained practical experience right after learning each concept. My work was tested to ensure it was done correctly, and I received feedback.

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Kubernetes for the Absolute Beginners with Hands-on Labs
October 2024 to Present

With zero knowledge about Kubernetes, once I took this course and completed all of the hands-on coding exercises, I was ready to deploy my applications on a Kubernetes platform.

As a beginner, I started my journey and went through 10 simple, step-by-step lectures. Each lecture and demo was designed to give me the time to grasp all the concepts fully. The most important part of the course was the series of hands-on coding exercises accompanying each central concept.

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Docker for Beginners with Hands-on labs
October 2024 to Present

I followed the lectures, which were accompanied by demos showing how to set up and get started with Docker. The coding exercises that accompanied the course helped me practice Docker commands, develop my own images using Dockerfiles, and practice Docker Compose. I developed Docker files for different use cases right in my browser. This way, I didn't really need to have my own environment set up to get some hands-on practice. The coding exercises validated my commands and Dockerfiles, ensuring I had written them correctly.

Finally, I had assignments to put my skills to the test. I was given the challenge to solve using the skills I gained during the course. This was a great way to gain real-life project experience and work with other students in the community to develop a Dockerfile and receive feedback on my work. The assignment pushed me to research and develop my own Docker images.

https://coursera.org/share/68735d9ab1821b1968199e224f12ecba

Linux for beginners with Hands-on Labs
October 2024 to Present

I learned following key skills which are listed below in the KodeKloud's Linux Course:

1. Trouble navigating the Linux CLI
2. Lack of experience with the linux command line
3. Trouble navigating directory structures and working with files
4. No experience in working with text editors like VI editor
5. Handling errors during installation of applications and dependencies and configuring software repositories
6. Issues with networking and DNS in Linux
7. Knowing when to use sudo, and how to configure permissions
8. Having sufficient hands-on experience working with Linux

https://coursera.org/share/db4199bb887d91ce94545ad0d60862bd

DevOps and Jenkins Fundamentals
October 2024 to Present

When I took this course, it became my gateway to mastering DevOps and Jenkins automation, which are essential in today's software development landscape. Guided by industry experts, I learned the core principles and how DevOps fosters collaboration, efficiency, and innovation. The hands-on instruction gave me practical skills to navigate complex software environments. By the end of the course, I truly understood the necessity and impact of DevOps and explored a diverse toolchain that's crucial for seamless software delivery.

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Continuous Integration & Continuous Deployment with Jenkins
October 2024 to Present

Jenkins Fundamentals: I have gained proficiency in configuring Jenkins for source code build processes, integrating Git repositories, and setting up Maven for project management. Additionally, I've explored various build triggers, freestyle projects, and pre/post-build actions, which have laid a solid foundation for my efficient CI/CD workflows.

Advanced Jenkins Concepts: I now possess expertise in parameterized builds, Jenkins Pipeline, and Jenkins CLI for executing shell commands and scripts. I've learned how to create complex automation pipelines, customize build processes, and execute deployments with precision and efficiency.

Continuous Deployment Strategies: I've delved into the differences between continuous delivery and continuous deployment, learned various deployment methodologies, and explored strategies for deploying applications using Jenkins. Furthermore, I've gained hands-on experience in deploying applications to servers and containers, enabling seamless software releases.

Jenkins X and Docker Integration: I've explored Jenkins X as an alternative to traditional Jenkins, comparing features and workflows. Additionally, I've gained insight into leveraging Docker for containerized CI/CD pipelines, including Docker image creation, container orchestration, and accessing Jenkins applications using Docker volumes.

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Continuous Inspection and Configuration Management - Jenkins
October 2024 to Present

Code Quality Improvement: I have acquired a comprehensive understanding of code quality metrics, code coverage, and code scanning tools such as SonarQube. Additionally, I've explored Jenkins support for Gradle, Ant, and Shell scripts, enhancing my ability to improve code quality and maintain high standards in software development projects.

Configuration Management: I now possess in-depth knowledge of configuration management tools and their benefits, including Infrastructure as Code (IaC) principles. I've delved into Ansible, mastering inventory management, playbook execution, roles, and architecture, which enables me to manage and automate infrastructure configurations efficiently.

Jenkins Integration with Ansible: I've gained insight into integrating Jenkins with Ansible for seamless configuration management and deployment processes. I've explored Jenkins job configuration for Ansible and the usage of the Ansible plugin, as well as compared Ansible with Ansible Tower, equipping me with the skills to orchestrate complex automation workflows.

Creating CI/CD Pipelines: I've developed proficiency in creating continuous integration and continuous deployment pipelines using Jenkins and Ansible, accelerating software delivery and ensuring code quality throughout the development lifecycle.

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Jenkins - From Zero to Hero Specialization

October 2024 to Present

I have gained a solid understanding of the need for DevOps in modern software development and explored the DevOps toolchain to enhance collaboration and automation across development and operations teams.

I have also grasped the concepts of Continuous Integration (CI) and Continuous Delivery (CD) and their significance in achieving faster, more reliable software delivery.

When it comes to Jenkins, I have explored it as a leading automation server for CI/CD pipelines and learned about its key features and capabilities for automating software development workflows. I now understand the Jenkins architecture and terminology, enabling me to configure and manage Jenkins instances effectively.

Through hands-on demonstrations, I have gained practical experience with Jenkins, including installation on both Linux and Windows platforms, and I have taken a complete tour of the Jenkins dashboard. I have also received practical guidance on creating and running jobs, monitoring builds, and navigating the Jenkins user interface.

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Fundamentals of Ansible

October 2024 to Present

Fundamentals of Ansible, an introduction into the world of automation and configuration management! This course is designed to guide you through the basics of Ansible, a powerful tool that simplifies complex workflows and IT environments. Whether you're a beginner looking to gain a solid foundation or an experienced professional seeking to refine your skills, this course offers an exploration of Ansible fundamental capabilities. Each module is crafted to enhance your understanding, accompanied by video demos, readings, and quizzes. Dive into the essence of Ansible, understand its architecture, and explore its commands and playbooks at your own pace. Let's embark on this exciting learning adventure together, unlocking the full potential of automation with Ansible!

https://coursera.org/share/325e17dc42eb8eedcd0e8316f09dfa98

Machine Learning for All

October 2024 to Present

• Understood the basic of how modern machine learning technologies work

• Explain and prediction of data affects results of machine learning

• Use of a non-programming based platform to train a machine learning module using a dataset

https://coursera.org/share/b6fa58470d7f19cf6f0be424142feaa5

Machine Learning: Concepts and Applications

October 2024 to Present

• Unsupervised Learning

• Artificial Neural Networks

• Machine Learning

• Regression Models

- Statistical Classification
https://coursera.org/share/4652228fa7b8e8e56d3e78074059d851