AMIT KUMAR PRADHAN

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Summary

Having around 6.3 years of experience in the Software Industry including Python and Django. Good exposure to Python, Django, REST APIs, ReactJS, JavaScript, HTML, CSS, AWS, Docker basically on the Linux environment. Worked on Linux environments like checking error logs and fixing the error. Involvement in Nodejs and have basic of Nodejs. Basic understanding of Continuous integration tools like docker. Joined as a team member and currently leading a team of 6 members. Experience in writing python scripts which will process data and create xlsx and csv files or vice versa. Professional Software Experience which includes Effective Test Case Designing skills and Test Case Preparing with Selenium testing. Good experience on MYSQL, POSTGRESQL query and MONGODB. Working Experience in an agile environment, raise a defect and track it by using defect tracking tools like JIRA, Polarion. Good Interpersonal skills, quick learner, committed, result oriented, hard working with a quest and strong desire to master new Technologies. Verifying the accuracy and completeness of product release by coordinating with the team and providing solutions.

Skills

- Python
- Django
- MQTT
- JavaScript
- ReactJS
- AWS
- Docker
- MySQL

- PostgreSQL
- MongoDB
- UML
- JAVA
- PHP
- Laravel
- YII

Experience

Wabtec Corporation | BENGALURU, IN
Lead Engineer - Web SW Development
08/2023 - Current

- Developed and maintained a team of engineers to meet project deadlines.
- Provided technical guidance, training, and mentorship to junior engineers.
- Worked on design of applications and get it approved.

Wabtec Corporation | BENGALURU, IN
Senior Software Developer
03/2021 - 08/2023

- Developed and maintained software applications to ensure optimal performance.
- Investigated, analyzed, and resolved application-related issues in a timely manner.
- Assisted junior developers with coding tasks and debugging problems.
- Performed code reviews and enforced software development best practices.

TrisysIT
Software Developer
03/2018

- Created applications using Python, Django, HTML, CSS, JavaScript, ReactJS and other programming languages.
- Developed programs to automate processes and improve user experience.
- Debugged code to identify errors and fix them efficiently.
- Wrote unit tests to verify the accuracy of each feature before deployment.

Education and Training

Biju Patnaik University of Technology, Odisha | Bhubaneswar, Odisha
Bachelor of Technology in Electrical and Electronics Engineering
06/2016

DRIEMS Science College | Cuttack, Odisha
Intermediate
04/2012

B.R. High School | Belpahar, Odisha
Matriculation
03/2010

#1: PROJECT NAME: – DTUP (Passenger Information System)

➢The passenger information system notifies users of their route, facilitates contact between passengers and the loco-pilot, and permits announcements and commercial advertising.
➢ In addition to bug fixes, I helped with some cyber security aspects like commissioning and Rsyslog development. Additionally, a generic test framework known as Systest Coordinator was built to aid developers in testing applications.
Technology used: -
● Environment: Debian 10
● Client: Annax
● Python, Python, Shell scripting, Rsyslog
● Role: Lead Engineer - Web SW Development
● Duration: 10 months
● Team Size: 6

#2: PROJECT NAME: – OLM (Online Monitoring System)

Description:
➢ Online Monitoring System is a system that allows the detection of faults in the ERTMS ground infrastructure (beacon) and their transmission to a SOL server in real time.
➢ It analyzes the various internal and received data from VCA (JRU messages, BL status, distance traveled etc). Also it filters the event to be sent according to predefined criteria of the telegram messages received through MQTT protocol.
➢ It format the received telegram and transmit the telegrams to another server.
Technology used: -
● Environment: Debian 10
● Client: Faiveley Transport
● Python, Django, HTML, CSS, JavaScript, ReactJS, PostgreSQL, Docker, MQTT
● Role: Senior Software Engineer (Leading the team)
● Duration: 1 year
● Team Size: 4

#3: PROJECT NAME: – Clearversion

Description:
➢ Clearversion is a version management tool which manage branches and trunk of SVN. This is used to perform code review, Jenkins analysis, merge etc.
➢ It manages all developer committed code.
Technology used: -
● Environment: Debian 10
● Client: Faiveley Transport
● Python, Django, HTML, CSS, JavaScript, ReactJS, MySQL

● Role: Senior Software Engineer
● Duration: 1.3 months
● Team Size: 5

#3: PROJECT NAME: – Base Component

Description:
➢ Base component is a project which contains all the parts required to form a new product. It contains all the part specification and their manufacturer details, obsolete date of the component etc. Based on these data providing analytics visualization to users.
➢ Having additional functionality like send notifications, download of file, custom filtration etc.
Technology used: -
● Environment: Debian 10
● Client: Faiveley Transport
● Python, Django, HTML, CSS, JavaScript, ReactJS, PostgreSQL
● Role: Senior Software Engineer
● Duration: 1.3 months
● Team Size: 4

#4: PROJECT NAME: – EDOC (Electronic document)

Description:
➢ It is used to keep all the mechanical machine level documents. In which we can view, compare pdfs, images, change the status and pdf content change etc.
Technology used: -
● Environment: Debian 10
● Client: Faiveley Transport
● Python, Django, HTML, CSS, JavaScript, ReactJS, PostgreSQL
● Role: Senior Software Engineer
● Duration: 1.3 months
● Team Size: 4

#5: PROJECT NAME: – RainbowCTM (Complete Travel Management)

Description:
➢ CTM is a travel management service which includes hotel booking, travel services, technology, consulting, consumer internet, e-commerce, product strategy and of course successful product start-up experience by understanding how to integrate deep travel industry knowledge with technology expertise to deliver superior solutions to travel agents and the entire travel ecosystem.
➢ By the help of CTM we can redefine the way travel agents operate both to increase their own efficiency as well as to improve their revenue.
➢ CTM is a new way to earn benefits when customers book accommodation on this platform. It's simple – choose your favorite loyalty program, and you'll earn points toward that program with every booking you make with us.
Technology used: -
● Environment: Ubuntu
● Client: Rainbow CTM
● Python, Django, HTML, CSS, JavaScript
● Role: Software Engineer
● Duration: 6 months
● Team Size: 5

#6: PROJECT NAME: – Litmusworld

Description

➢ The Litmus world M.A.I Measure, Act and Improve framework enables enterprises to measure, act and improve business processes through contextual conversations that deliver actionable insights.

➢ It deliver superior stakeholder experiences by actively listening to your customer and employees, gathering insights and taking the right steps to address challenges

Technology used:
● Environment: Ubuntu
● Python and NodeJS
● Client: Litmusworld
● Role: Software Engineer
● Duration: 18 months

#7: PROJECT NAME: – eVidyaloka

Description –

➢ eVidyaloka is an educational social enterprise, with a vision to enable quality in education for the children of rural India. It is realized by connecting passionate individuals as volunteer teachers from across the world with the Govt elementary schools in remote and rural villages of India, leveraging technology.

➢ It is focused on the children in the age group of 10-14 (5th to 8th grade), delivering live interactive classes in the local medium, through a powerful partner ecosystem. **Technology used:**
● Environment: Ubuntu
● Client: eVidyaloka
● Tools Used: Python, Django, HTML, CSS, JavaScript
● Role: Software Engineer
● Duration: 7 months
● Team Size: 5

#8: PROJECT NAME: – American Century Investment (ACI)

Description –

➢ American Century Investments an asset management company focused on delivering investment results.

Technology used:
● Environment: Windows 8
● Client: American Century Investments
● Tools Used: ReactJS
● Role: Software Engineer
● Duration: 3 months
● Team Size: 5

Languages

Odia: First Language

English: C1   **Hindi:**   C2

Advanced (C1)   Proficient (C2)

PERSONAL DETAILS

Date of birth: 18th July 1995
Gender: Male
Father's Name: Dr. Sanat Kumar Pradhan
Mother's Name: Mrs. Priyatama Sahu
Marital status: Single
Citizenship: India