



Associate Software Engineer

Dalee Kumawat

Experience

Associate Software Engineer

November 2021 - November 2022

Boeing International PVT LTD / India, Bangalore

- I worked on the Flight Management Application for the Boeing 737 Max navigation system.
- Developed modules such as Navigation, Display Control Unit, Database, and Flight Planning for a Micro Control Unit.
- Developed and debugged scalable Python code, improved system performance, and conducted comprehensive testing with PyCharm and Python frameworks.
- Ensured robust and reliable performance of software applications through function testing using DOORS.
- Managed Scrum processes to deliver projects aligned with business goals.
- Successfully managed multiple service-based clients, delivering customized solutions to meet their specific needs.
- Managed junior developers, providing guidance and mentorship to enhance their skills and productivity.

Software Engineer

November 2020 - November 2021

Capgemini Pvt. Ltd. / India, Bangalore

- Led a Big Data project for Service Assurance Management, focusing on processing and filtering raw data into interpretable formats.
- Developed modules such as Service Management Node and Center Service Management Node.
- Enhanced data visualization by integrating Kibana and Elasticsearch to monitor and analyze service performance.
- Performed data processing, analysis, visualization, Manual and Automation Testing.

Software Engineer

November 2019 - November 2020

Altran Pvt. Ltd. / India, Bangalore

- Designed and implemented scalable solutions for real-time data processing in the Active Mediation System, ensuring efficient handling of high-volume telecom data.
- Developed and maintained a telecom system to manage and process data, enhancing the billing system and improving customer management efficiency.
- Successfully migrated critical system modules, including the Rating System, Billing System, and Dispatcher, from Solaris to Linux using C++, ensuring seamless functionality and improved system performance.
- Conducted unit testing, integration testing, and system testing to ensure the quality and functionality of the mediation system.

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Links

daleekumawat

Education

Master of Science (M.Tech)

2017 - 2019

Motilal Nehru National Institute Of Technology

India, Prayagraj

Computer Science and Information Security

Bachelor of Science (B.Tech)

2012 - 2016

Rajiv Gandhi Prodhgyiki Vishavidhyalaya

India, Ratlam

Computer Science Engineering

Skills

LEADERSHIP
Team Management

Vendor Management

Project Management

Strategic Roadmap
Planning

Relationship
Management

TECHNICAL
C, C++, Python

HTMP, PHP, JavaScript,
CSS

Kibana, Elasticsearch

ACADEMIC THESIS / PROJECTS

Workflow Scheduling in the Cloud using PSO | M.Tech thesis

- Implemented a meta-heuristic optimization algorithm to optimize the task scheduling problem in a cloud environment.
- Documented the implementation process, algorithm design rationale, and performance evaluation results for knowledge sharing and future reference.
- Conducted extensive testing and validation of PSO algorithms in a cloud environment to ensure optimal resource utilization and task scheduling.

Advanced Mobile Store

- Online shopping platform connecting sellers and buyers, with a focus on mobile phones from various brands.
- Developed and maintained an online shopping platform using PHP and HTML, featuring key functionalities such as Add to Cart, Advertisement integration, and Payment Search, significantly enhancing user experience and transaction efficiency.
- Integrated advanced search and filtering functionalities to help buyers easily find mobile phones from different brands.
- Our website contains several functionalities such as Add to cart, Advertisement, and Payment search.

PUBLICATION / EXTRACURRICULAR

- Presented groundbreaking research on: "A Framework for Generating Multi Prime RSA using Sieve Function" International Journal of Engineering Technology Science and Research, ISSN 2394-3386 by Kumawat D., Bharti A, Tariq A, Naz S.
- GeeksforGeeks coding Rank: 360.
- Participated in Net-Sec Championship Workshop, IIT Roorkee, 2014.
- Completed C Language training at InfoCentroid Software Solutions, Indore, 2015.

Linux, Windows, Unix, Solaris	◆◆◆◆◆
MySQL, Oracle	◆◆◆◆◇
GIT, JIRA	◆◆◆◆◇
Doors	◆◆◆◆◇
Unit Testing	◆◆◆◆◆
Function Testing	◆◆◆◆◇
Manual and Automation Testing	◆◆◆◆◇
Makefile	◆◆◆◆◆
Microsoft Sysinternals	◆◆◆◆◇
Putty	◆◆◆◆◆
WinSCP	◆◆◆◆◆
Git Bash	◆◆◆◆◇
CloudSim	◆◆◆◆◇
Matlab	◆◆◆◆◇