AISHWARYA UPALANCHI

DevOps Engineer

Pune, Maharashtra

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PROFILE

Software developer with 6+ years of experience in the ﬁeld of software development projects. Proﬁcient in CI/CD pipeline design, containerization, cloud platform management and Infrastructure automation (IaC).

*AWS I Git I Github I Bitbucket I Perforce I Jenkins I Docker I DockerHub I Kubernetes I Ansible I Terraform I CI/CD Pipeline I SonarQube I Mobaxterm I Linux I python I MySQL I C++ I Core Java I Data Structures I DBeaver I Oracle SQL Developer I JIRA I Wind River Workbench*

PROFESSIONAL EXPERTISE

**DevOps Engineer**  *02/2022 - present* *Amdocs Development Centre India LLP*

* Designed, implemented, and managed CI/CD pipelines using Jenkins to streamline software delivery processes.
* Containerized microservices applications using Docker and orchestrated their deployments with Kubernetes for efficient scalability and management.
* Investigated infrastructure issues by debugging CI/CD pipelines and runtime environments, providing effective solutions.
* Collaborated with development, operations, and QA teams to streamline the software delivery process.
* Played an integral role in the Rating Logic Configurator (RLC) and Turbo Charging (TC) teams, designing and building high-availability services for real-time mobile events.
* Creation of different development modules in RLC based on business scenarios and Unit testing of newly developed modules using firebolt.
* Worked on Update handler module in Turbo charging team.
* Analyzed defects using log files and XML, enabling efficient detection and resolution of bugs.
* **Projects handled - Amdocs Billing Product- Vodafone/ AT&T Mexico/ A1-Croatia**
  + Telecom domain Amdocs billing product based on rating logic configurator (RLC) application used for processing real time mobile events and notifications to the consumer.
  + Creation of bills for the prepaid/postpaid customers at end of every month cycles.
  + Provision of different kind of customized services to clients based on consumer requirements.

**System Engineer** *01/2019* - *01/2022* *Tata Consultancy Services ltd*

* Developed C++ code and created GUIs using Tilcon in Wind River Workbench for Real time application as per business requirements.
* Assisted in the design, development, and optimization of C++ code.
* Created C++ scripts to analyse code issues based on business change requests.
* Performed unit testing using Wind River code coverage analyser.
* Good Knowledge of OOPs Concepts, Singleton pattern and STL
* Enhanced the development process by initiating and writing C++ scripts and MFC applications
* Analysed defects using log files, enabling efficient detection and resolution of bugs.
* **Project handled - Indian Navy - Indigo Submarine**
  + Designed and developed different modules for ship motion control systems which used for ship motion functionalities.
  + Complete Integration of different control systems with real time parts of application.
  + Generating alarms and warnings based on threshold level by using buzzers and messages.

**Software Intern**  *07/2018 – 12/2018 eInfochips – An Arrow Company*

* Trained on the development and testing of software applications using C++ and Embedded C.
* Collaborated with senior engineers to understand embedded systems solutions.
* Gained hands-on experience in embedded systems and software development, enhancing technical skills and problem-solving abilities.

EDUCATION

#### **Executive Post Graduate Certification in Cloud Computing and DevOps** Indian institute of Technology, Roorkee 06/2024 – 02/2025

#### 2015 - 2018: **Bachelor of Engineering in Computer Science & Engineering** NKOCET, Solapur - CGPA **– 9.76**

#### 2012 - 2015: **Diploma in Computer Science & Engineering** A.G. Patil college, Solapur - **87.44%** first class with distinction

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### CERTIFICATIONS

* **AWS** Certified Cloud Practitioner (09/2024)
* Mastering Data Structure & Algorithms using C and C++ (04/2020 - 05/2020)
* **Zensar** ESD Program (04/2017 - 07/2017)
* Jenkins - The Complete Tutorial | Master CICD and DevOps
* Kubernetes for the Absolute Beginners - Hands-on
* Docker for the Absolute Beginner - Hands On – DevOps

ACHIEVEMENTS

* Tata Consultancy Services - Star Team Award (10/2019 - 01/2020)
* Best Outgoing Student from AG Patil College (Diploma in CSE - 2015)