

Aditya Bej 

Associate Software Engineer seeking roles in Software Development

Current Designation: Ground Systems Software Developer

Total Experience: 1 Year(s) 8 Month(s)

Current Company: TeamIndus

Notice Period: 15 Days or less

Current Location: Bengaluru / Bangalore

Highest Degree: B.Tech/B.E.

Pref. Location: Bengaluru / Bangalore, Chennai, Hyderabad

[Electronics/Telecommunication]

Functional Area: IT Software - Application Programming / Maintenance

Role: Software Developer

Industry: IT-Software/Software Services

Marital Status: Single/unmarried

Key Skills: software developer, software development, application programming, project management, product management, business analysis, agile methodology, data structures, selenium, linux, sql, hp alm, java, mysql, algorithms, Spring Boot, OOPS, Design Patterns, System Design

Verified : Phone Number | Email - id

Last Active: 21-Jan-21

Last Modified: 21-Jan-21

Summary

Result-oriented Professional with nearly 2 years of experience in Software Development, Application Programming, Quality Assurance, Project Management, Product Management, Business Analysis, Agile Methodology, Data Structures, Selenium, Linux, SQL, Hp Alm, Java, MySQL, Algorithms

Work Experience

TeamIndus as Ground Systems Software Developer
Oct 2020 to Till Date

Team: Worked as part of the Ground Software team with retired ISRO scientists to develop the software used in the ground systems to communicate between the Lunar Rover in Space and operator in Earth.

Domain: Knowledgeable in the end to end Mission Planning/Operations and all flight sub-systems of cis/trans-lunar space launch missions.

Documentations: Worked on creating the Technical Documentation with the functional guidance of the ISRO scientists.

Operating System: Worked on Linux-Ubuntu primarily and CentOS distributions as the environment for development

Dev Environment/Back-end: Dev Environment is based on the yamcs software. Developed using Java-Maven build predominantly for the various modules of the different sub-systems in the Lunar Rover.

Network protocols: Worked on HTTP APIs and Websocket connections using TCP/IP, UDP and CCSDS network protocols to establish real-time communication between Client and Server

Scripting: Worked on implementing Python and Javascript based scripting for Telemetry packet simulation and automation actions.

Database: Worked on extracting and archiving of the Housekeeping Telemetry packets in Database. Postgres, RocksDB and CouchDB was used for archival purposes.

Configuration and Dependencies: Worked on developing and configuring the Mission Database using specified templates, which contains all the Telemetry and Telecommand parameters required for the Space mission.

Front-end: Worked on the front-end development using Eclipse-RCP application, Node.js and Angular and built the backend using the parameters generated from the Mission Database

Ernst & Young as Software Development Engineer
Sep 2018 to Sep 2020

Team: Worked as a part of an International Team, handling the Indian division. Worked in an Agile based environment with development experience in Guidewire Insurance product and Morgan Stanely Banking project.

? Domain: Knowledgeable in the Insurance and Banking domains. Worked on Policy, Billing and Claim for the Insurance project and Trading platform of various trading products in the Baking project.

? Insurance Project: Developed GOSU scripts for the Guidewire product based on various Data Structures and Algorithmic analysis to achieve PROD quality code.

? Enhancements: Worked on code enhancements and improvements by reducing run-time of the code with Time and Space complexity research and analysis

? Front-end: Designed an XML based UI Layout for the Claim Centre applications using PCF (Page-Configuration Files) framework in Guidewire.

? Banking Project: Worked on data extraction of trades for the order analysis using queries to extract data from Enterprise Database (EDB), Apache SOLR and SQL database.

? Back-end: Worked on trade order conversions for Equities and Options and Quantitative development in an existing algorithmic trading system using client-side server data running in a cloud-based environment

? Testing: Involved in designing the unit test plan testing all the unit code functionalities developed for the trading system applications for Equity, Options and Syndicate Products

Education

UG: **B.Tech/B.E. (Electronics/Telecommunication)** from **SRM university** in **2018**

Other Qualifications/Certifications/Programs:

Scrum Foundation Professional Certificate

IT Skills

Skill Name	Version	Last Used	Experience
JAVA			2 Year(s) 0 Month(s)
SQL	my sql	2020	2 Year(s) 0 Month(s)
JDBC - MySQL			
C/C++			
Linux			
HP UFT			
SELENIUM			
HP ALM			
Linux		2019	1 Year(s) 0 Month(s)
Python		0	1 Year(s) 0 Month(s)

Languages Known

Language	Proficiency	Read	Write	Speak
English	Expert			
Hindi	Expert			

Tamil	Proficient
Oriya	Proficient

Affirmative Action

Category: General
Physically Challenged: No

Work Authorization

Job Type: Permanent
Employment Status: Full time