NIHAR SAMANTARAY

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Systems Engineer with 4.6+ years of experience developing different financial solutions in the banking sector at client locations. Seeking a challenging software engineering position in an organization where my skills and experience can be fully harnessed.

> Algorithms and Data Structures, RDBMS with Oracle PL/SQL, Bash and Python scripting, Linux server administration, Automation tools, Java Interface development, API Integration, Finacle Core Banking

Work Experience

Senior Systems Engineer - EdgeVerve (Infosys Product Subsidiary) | Windhoek, Namibia | Feb 2019 - Present

Worked on the development, implementation, and support of a new payment system for a client. Below were my responsibilities to complete the deployment of the project:

- Development and enhancement of different types of API generators using Java and Bash scripts that helped in achieving 60 TPS (transaction per second) from 2 TPS.
- Shell script to validate account numbers of different banks and branches in the country.
- Creating different types of API (XML, LST, CSV) to integrate with multiple peripherals and systems.
- Automated the tracing of logs which failed due to unknown reason.

Systems Engineer - EdgeVerve | Bangalore, India | Dec 2016 - Jan 2019

Parallelly worked on multiple short term projects. Data optimization, report generation, development of fronted menus were my responsibilities.

- Optimization of SQL procedures and queries to generate different accounting statements and reports.
- Development of Finacle 11x Frontend Menus using Java and javascript to display reports.
- Created command line apps like 'automation of was restart', 'user creation/reset', 'free port finder', 'multiple patch deployment in single instance'.

Systems Engineer - Infosys | Mysore, India | Jun 2016 - Nov 2016

Trained in basics of OOPS and DS programming with UX design to create a replica of an eCommerce website.

Technical and Functional Skills

- Shell scripting, Python scripting, Java development, Javascript debugging.
- Sound knowledge of relational database which uses PL/SQL procedure, functions and complex queries.
- Well aware of Linux and some Unix based servers and its utilities.
- Version controlling using git/svn and defect tracking with Jira.
- Scripting automation, command-line apps, APIs XSD/WSDL validating, VBscript Excel to xml generators.
- Functionally well versed with payments and loans in core banking terms.

Education and Projects

- Bachelor's degree in Computer Science Engineering (2012-2016) from BPUT with 8.14 CGPA.
- Rust program to consume currency feeds and display the graph as a command-line app.