

# NIHAR SAMANTARAY

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**Systemes Engineer | Bangalore, India | mail@nihars.com | nihars.com**

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C/C++/Nim/Rust systems programming, Algorithms and Data Structures, RDBMS with Oracle PL/SQL, Bash and Python scripting, Linux server administration, Automation tools, Java Interface development, API Integration, Rust rewrite, Command Line Apps, Finacle Core Banking

## Experience

### Senior Systems Engineer - EdgeVerve | 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 and validators.
- Implemented technical designs for 3 different types of financial functionalities.
- Script to validate account numbers, branches, banks and other financial entities.
- Continuous deployment and development of features to enhance payment systems.
- Integration and maintenance of the application to integrate with multiple peripherals.
- Automated monitoring of traces and logs to track failure due to multiple reasons.

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

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

- Code maintenance and performance monitoring of server generated reports and statements.
- Creation of internally consistent and extensible CLI apps for internal tooling.
- Optimization and tuning of PLSQL stored procedures in oracle database.
- Continuous learning of a lot of very powerful systems and improving upon them when it is needed.
- Development of Finacle 11x Frontend Menus using Java and javascript to display reports.

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

Trained in basics of OOPS, DS programming, Java Spring boot, test driven development, Angular JS with UX design to create a replica of an eCommerce website.

## Skills

- Shell scripting, Python scripting, Java development, Javascript debugging, Rust rewrite.
- Sound knowledge of RDBMS 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, Gitlab CD/CI, defect tracking with Jira.
- Scripting automation, APIs XSD/WSDL validating, VBscript Excel to xml generators.
- Functionally well versed with payments and loans in core banking terms.

## Education

- Infosys certified Java developer in 2016 (Training).

- Bachelor's degree in Computer Science Engineering (2012-2016) from BPUT, Rourkela, Odisha.