

NILAY VIRENDERKUMAR HARYAL

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Technical Skills

Programming languages: JAVA, PL/SQL, SWIFT, Golang
Web Technologies: HTML, CSS, JavaScript, Bootstrap, JSP, AJAX, Servlets
UI Prototyping Tools: Moqups, Balsamiq, Marvel, Sketch, Azure
Standards & Framework: Spring Boot with JPA, Spring MVC, Hibernate, Maven, Spring Security, Swing, Servlets, JSON
Cloud Technologies: App Services, Storage Container, CI/CD, Docker, CircleCI, Cloud Formation, AWS, Lambda
Database: SQL Server, MySQL, Oracle, SQLite, DynamoDB
Servers & IDE: Apache Tomcat, MAMP Server, NetBeans, MS Visual Studio, X-Code, Eclipse, Postman

Education

Northeastern University, Boston, MA

Master of Science in Information Systems

Expected August 2020

Courses: Data Management and Data Design, Application Engineering and Development, Web Development Tools & Methods, Smartphones Development, Algorithms, Network Structure & Cloud Computing, User Experience Design

Pune University, Pune, MH, India

Bachelor of Engineering in Computer Engineering

May 2012

Professional Experience

Affirmed Networks, Acton

May 2019-December 2019

Software Engineering Intern || Domain: Telecom

- Developed a sizing and Monitoring tool in Grafana. Required metrics were exposed using Prometheus, custom designed in Golang. Metrics were pulled from LINUX system using custom java code, shell scripts and SQL scripts.

IBM, India

June 2016-July 2018

Senior Software Engineer || Domain: Banking

- Played role of migration lead of Flexcube from FCR/FCC to UBS for UAE and India providing code fixes for showstopper issues in Oracle Database
- Devised a universal banking tool using Visual Basic, VB Script and Task Scheduler as backend and HTML and Java Script as front end. The tool reduced 15% of project work and reduced 2 FTE (Full time equivalent) of client cost
- Mentored a team of 22 engineers as transition Lead and Subject matter expert during transition phase from previous vendor of client to IBM

ACCENTURE, India

June 2012-June 2016

Senior Software Engineer || Domain: Insurance

- Built Loaders and services utilizing Oracle PL/SQL to identify fraud claims and associated premium
- Formulated PL/SQL Packages, Procedures and Functions in accordance with Business Requirements for Finance domain covering General ledger, reinsurance, coinsurance, payment & collection, flexible installments and reminders
- Conducted deployment activities using IBM rational Clear Case for version control and smooth deployment
- Fixed critical defects/gaps identified during code reviews for Production environment

PERSISTENT SYSTEMS, India

August 2011-March 2012

Engineering Intern || Domain: Android Development

- Devised an android application enabling visually disabled users to operate smartphones based on pattern recognition, leveraging Java and SQLite for back end

Academic Projects

Bill Management System, Spring Boot with JPA, CircleCI, AWS, CloudFormation, EC2, S3, RDS, AMI

March 2020

Developed spring boot webapp performing CRUD operations. Basic authentication has been done and deployed on AWS and designed CI/CD pipeline using CircleCI. Automated AWS resource creation and security configuration with CloudFormation.

MBTA - Massachusetts Bay Transportation Authority, Spring MVC, Spring Security, MySQL

April 2019

Constructed a website for MBTA allowing seat booking, adding users, cancellation and payments leveraging Spring MVC, HTML, Spring Security and MySQL for database

Event Profiler, IOS application, SWIFT, Firebase

April 2019

Created an IOS App storing interest of users and suggests about events happening around and book tickets for it. Database was hosted on Firebase cloud and events pulled from public API. App also offers google based authentication

Medical Corps Management System, Java, Swing, db4o util, Singleton design pattern

November 2018

Constructed an application for US Army Medical Corps, allowing different remote camps Camp Commandants to communicate with Doctors and other nearby Camp Commandants for medical assistance

Motor Insurance Firm Database, MySQL

November 2018

Devised database for insurance firm covering different aspects from creating a quote, converting it into policy and allowing customers avail a claim. Procedures, functions, trigger and error handling was part of project