

MOHIT KISHORE

SOFTWARE DEVELOPER

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SKILLS

PROGRAMMING LANGUAGES

Java
JavaScript
C
C++
Shell Scripting
jQuery
Oracle SQL
MongoDB
Python

WEB DEVELOPMENT

HTML
CSS
Bootstrap Framework
Ruby on Rails

VERSION CONTROL SYSTEM

Git
Subversion (SVN)
CVS

EDITORS AND IDE

Eclipse
Android Studio
XCode
IntelliJ Idea

MOBILE DEVELOPMENT

Android SDK
Swift for iOS

OPERATING SYSTEMS

Mac OS X
Ubuntu
Unix
Linux
Windows

EMPLOYMENT

York University, Student Information System

Software Developer

Worked as a software developer for Student Information System, York University.

- Developed Shell Scripts for performing various tasks .
- Maintaining old Java applications and making modifications as requested by the client.
- Developed various PL/SQL functions and procedures to convert logic from Java to SQL.
- Actively involved in upgrading Oracle Database from 9i to 11g.
- Maintained, upgraded and deployed Java based web applications on various servers.
- Designed and executed JUnit test suite for Java Applications.
- Effectively communicating with several teams and clients to ensure that end result exceeds expectations.
- Documented details of various projects.

York University, Dept of Mechanical Engineering, Lassonde School of Engineering

Android Application Developer - Research Assistant

Worked with a team of Mechanical Engineering professor, graduate and PhD students at York University.

- Helped build an Android application for a project funded by York University.
- Designed UI and wireframes for the layout of the application.
- Developed numerous activities, logic and functionalities of the application.

York University, Network Operations

Junior Communications Technician

Worked with Network Operations, University Information Technology, York University.

- Maintained Solaris servers containing sensitive university data.
- Configured access points across campus.
- Organized and assisted with initial installation of new Unix servers at data centres.

York University, Student Information System

Data Migrator

Worked on a small project for the SIS team at York University.

- Developed web pages using HTML and CSS as necessary.
- Wrote shell scripts to automate document migration across servers.
- Lead a small team of 2 members and assigned duties as necessary.
- Managed time to finish the project before the targeted date.
- Provided ideas on organizing well structured documentation pages.

York University, University Information Technology, Client Services

Technical Analyst

Worked as a junior technical analyst at University Information Technology, York University.

- Re-imaged computers in numerous labs across campus.
- Resolved hardware problems, such as printers, fan failures etc.
- Developed batch files to reduce work machine startup times.
- Helped in standardizing and writing wiki pages for new employees.
- Maintained logs and tickets for each issue in Remedy ticketing system.
- Resolved numerous tickets by providing a quick solution to problems.
- Assisted with setting up basic accounts for students like email, File Access Service, Moodle etc.
- Helped students, professors and staff members with computer hardware and software related issues such as installing softwares, OS or if necessary, reformatting hard-drives both on-site and remotely.
- Provided assistance to 55,000+ students and staff on campus with problems ranging from account management to technical assistance with computers and networks.

PROJECTS

Personal Android development

Deployed educational and utility applications on Google Play Store

- Released two applications on the android market to learn about the Android Frameworks and SDLCL.
- Integrated Google Play Services, Google Analytics and numerous other open source APIs.

Oracle Upgrade, Student Information System, York University

Worked with a team of 5 developers to help with upgrading from Oracle 9i to 11g.

- Developed and executed JUnit test scripts and compared results of applications running Oracle 11g with Oracle 9i.
- Fixed and updated code to resolve compatibility issues, deployment bugs and better performance.
- The upgrade was a huge success with minimal deployment issues.

Automated e-mail templates, Student Information System, York University

Worked on Student Financial Profile(SFP), an application that calculates the scholarships and bursaries each student is eligible for.

- Upgraded to add a new automated emailer feature.
- Used a simple tool called YDML to set up connection between email server and SFP.
- Developed several templates for automated emails.
- Wrote scripts to connect to database and fetch data as necessary.

WebObjects Upgrade from 5.2.3 to 5.4.3, Student Information System, York University

Assisted with upgrading 3 out of 22 applications from WebObjects 5.2.3 to 5.4.3

- Upgraded My Convocation(MYC), Registration and Enrolment Module(REM) and Student Information Module(SIM) used by staff and students across campus to the latest version of WebObjects to improve performance, stability, user interface and compatibility with Oracle 11g.
- Converted some Java logic to PL/SQL.

AWARDS

University of North Carolina - Chapel Hill - Gur-U HackNC

Oct 2015

Our team won 3 out of 17 awards,

- Best use of IBM Bluemix Technology - Award Best use of Interactive Intelligence API - Award Most startup-worthy Award

- Created a service that matches high school students with real college students to supplement the current admissions process with an enhanced organic way of understanding the true feeling of the university.
- Technologies used: Node.js backend, IBM Bluemix Technology, Interactive Intelligence API, Bootstrap, HTML5/CSS3, Capitol One API and Android SDK.

The Bank of Nova Scotia (Scotiabank), Toronto - Scotiabank HackIT Debt Challenge

Feb 2016

Our team Stranger Danger was awarded 2nd place for a 40 hour hackathon. winning a team total of \$5000,

- Created a mock Artificial Intelligence that helps people save money and guides them towards achieving their goals.
- Designed UI/UX for the application.
- Technologies used: IBM Bluemix Technology and Android SDK.