KARAN KHOSLA

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WORK EXPERIENCE

| **Lead Consultant** | **Genpact Headstrong Capital Markets** | **Nov' 16 – Present '18** |

- Next Best Action is web application for effective client's portfolio management that incorporates a lot of features earlier available under multiple standalone applications written in .NET for financial advisors
- Financial advisors manage client portfolios and interact with them based on their account type and on regular intervals discuss ideas, insights, campaigns and get in touch with them in case of critical alerts

| **Technical Lead** | **HCL Technologies** | **Dec' 15 – Aug' 16** |

- Responsible for writing the Contact Us module where customers feedback is recorded, and Small and medium business can contact McDonalds on their various services
- Worked on templates generated using the Adobe experience manager

| **Senior Software Engineer** | **Indecomm Global Services / GlobalLogic** | **Nov' 14 – Nov' 15** |

- The Google Partner Sales Tool (PST) is a tool used by Google Cloud Partners for managing deals and placing offline orders.
- Google Cloud Partners initially used Google forms for placing offline orders which requires lots of manual work to be done by Google sales team and their partners later it was replaced by Partner Sales Tool, a Single page application (SPA) that directly submits the data to salesforce

| **Software Engineer** | **Impetus Infotech** | **Dec' 13 – Nov' 14** |

- Worked on an internal Proof of Concept with real client's data that was stored in Oracle and copied in large chunks to impala and sharing reports with the project lead with respect to the performance
- Worked on legacy code taken from client code base and rewritten the code to incorporate new language features and carried out some performance improvements

| **Software Engineer** | **HCL Technologies** | **Mar' 10 – Dec' 13** |

- Taken the ownership of an entire application for managing software releases reports on various environments from planning, driving the release and later on reporting steps taken by teams or individual, any delays in performing tasks, type of release, success or a failure and target environment
- Responsible for writing the complete the UI using JSF / Primefaces and part of business layer using Spring and some part of persistence handled using ORM framework Hibernate
- Worked with teams responsible for carrying production deployments and support during the deployments

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PROJECTS

Partner Sales | https://enterprise.google.com/partnersales/home

Java 7, Google Guice, Google Guava, Protocol Buffers (Protobuf), Meteorite (UI framework), JavaScript, Salesforce, Buganizer, Google App Engine

- Written many new features that require new components as part of the feature requests and fixed many bugs reported by the google cloud partners and business team
- Written unit tests for both the frontend and backend that helped a lot in carrying out refactoring and maintaining code quality and for new features written integration tests that helped in detecting bugs during development
- Carrying out production releases and deployments and application monitoring support post deployments

Next Best Action | Internal

Java 8, Spring, Apache CXF, Swagger UI, Multithreading/Concurrency

- Written REST endpoints that provides financial advisors with ideas, insights, campaigns, preferences and alerts for effective client's portfolio management
- Responsible for documenting REST endpoints for QA and business testing before performing production deployment
- Written unit tests that helped in code refactoring and incorporating new features
- Deployed application on production post business QA approvals using Teamcity and Morgan tool

Release Management | Internal

Java, JSF 2, Primefaces, Spring, Hibernate, Java Spring Mail, Multithreading

- Written the Frontend using JSF and Primefaces managed and backing bean architecture model
- Written parts of business layer and ORM layer using Spring framework and used Hibernate for data persistence
- Written mail client using Java that sends out email post successful release completion containing the report that gives business idea to improve deployment process and shortcomings noted in the release
- Deployed and tested the application end-to-end and monitored the application post deployment

TODO | http://ec2-18-217-168-36.us-east-2.compute.amazonaws.com:8080/

Java 8, Angular 5, Twitter Bootstrap, Spring Boot, Spring Data, Spring Rest, Amazon Web Services (AWS)

- Written a TODO app to test new language and platform like Angular and Amazon Web Services (AWS).
- Written REST endpoints that executes CRUD operations and persist data into in memory H2 DB
- AWS account creation, configuring new VM configuration and environment setup to run the application smoothly

Portfolio | http://karankhosla.herokuapp.com/

MaterializeCSS, Vanilla JavaScript, Heroku

- Build a portfolio site to understand how MaterializeCSS works and hosted the project on cloud platform Heroku
- There are parts of page that requires JavaScript and Google plugin for headers, maps etc. to make the site interactive

TECHNOLOGIES

Language: Java, Collections, Multithreading, Concurrency

Frameworks:

- **Frontend**: JSP, JSF, Primefaces, JavaScript, Meteorite, Angular
- **Backend**: Servlet, Spring, Google Guice
- **ORM**: Hibernate, Spring Data
- **Logging**: Log4j, SLF4J

Spring Stack: Spring Core, Spring Boot, Spring MVC, Spring Data, Spring Rest, Spring Security

Web Services: REST and SOAP

Libraries: POI, ITEXT, JFreechart, Google Guava, Google Commons, Lombok, Protocol Buffers, Avro

Static Analysis: SonarLint, FindBugs, PMD

Testing: JUnit, Mockito, Powermock

Version Control Systems: Perforce, SVN, GIT

Build / Automation: Ant, Maven, Gradle, Ivy, Blaze

CI / CD: Jenkins, TeamCity

Monitoring: JConsole, JMap, Spring Boot Actuator

Application Server: Tomcat, Jetty, JBoss (WildFly), Websphere, Weblogic

Database (SQL): MySQL, Oracle

Caching: Redis (Jedis client)

IDE: IntelliJ Idea and Eclipse

Operating Systems: Linux, MacOS, Windows

Cloud Platform: Google App Engine, AWS

EDUCATION

- SCJP / OCJP 5.0, Sun Microsystems / Oracle
- MCA, 2012, Sikkim Manipal University
- GNIIT, 2010, NIIT

PERSONAL INFORMATION

GitHub	https://github.com/KKhosla7
LinkedIn	https://www.linkedin.com/in/kkhosla/
Portfolio	https://karankhosla.herokuapp.com
Blog	http://pythonicway.blogspot.in