

NITISH GOEL

Technology Enthusiast

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ATTITUDE

Logical approach to problems and fixation on them unless they are solved.

Zeal to learn better methods of working with technology.

Open minded and enthusiastic way of lifestyle.

EXPERIENCES

Stack Analyzer

Wrote an application to perform deobfuscation of a GWT stack trace using remote logging, extraction of the correct symbol maps, strong name and JSON stack.

TechHunkaar '16

Created Lead Personalizer with a team of 6. The following are it's technical details:

- Created parsers to fetch content of a user from social media (using APIs or DOM parsing through PhantomJS where necessary)
- Used IBM's Watson to analyze the personality traits based on the social media posts.

WHY TECHNOLOGY?

The power of a few keystrokes to revolutionize the world fuels me. The desire to learn more and more quenches my appetite. The inspiration to build something bold is the reason why I do what I do. And I'm good at it.

SKILLS



Programming and Development

Programming Languages Experience in C/C++, Python, Java. Also know PHP, JavaScript, HTML, CSS, Shell scripting. Open to all.

Database Languages HQL (Hibernate Query Language), MySQL, SQLite, PostgreSQL (including JSON datatype)

Technologies GWT (UI Binder, MVP, Slotted Controller, Highcharts), REST & JSON, Integration with WebRTC (Twilio, Plivo etc.)

Testing Tools vREST(API testing tool), Load Testing (curl, ab etc.), PostgreSQL Explain Analyze, Hibernate query optimization, Chrome DevTools (CSS tool, CPU profiling, Task Manager, Console), CloudQA

Debugging Tools Eclipse FindBugs, PMD (including Custom PMD rules in XPATH), the manual techniques (sifting through the logs - grep/sed etc.)

Other Agile Methodology, Software Engineering



Writing, Presentation and Leadership

Good at writing about my views and technological things that provide awe and inspiration.



Creativity and Design



Graphics

Worked with Unity 3D and Blender in the past for developing games.

- Used RxNLP to assign a relevance score to a post by performing a semantic analysis of a post.

Android Development

- Developed an android application related to medical information which was published on the Play Store and later sold.
- Developed an application for the dealership of Delhi Ford for minimizing customer effort by providing in-app booking services and display of cars. The application is available at the Play Store at:

<https://play.google.com/store/apps/details?id=com.studyindia.delhiford>

Major Project

MySQL Replication on two CentOS VMs running MySQL servers with MyISAM database engines on a bridged network.

INTERESTS

Cars, Tourism, Adventure, Aviation and Aeronautics, Reading, Gaming, Singing, TV series, Technology etc.

LANGUAGES

English: ILR Level 5

Hindi: ILR Level 4

Punjabi: ILR Level 2

WORK HISTORY

Jul 2016 - Application Engineer
Present Drishti-Soft Solutions

Working as a full stack developer on various tech modules to help facilitate the tech operations for all developers smoothly, improving customer experience of the product by various optimizations, enhancements and upgrades as per requirement.

The technical stack involves GWT (MVP pattern) for frontend and Java with OSGI framework for backend. Framework is a service based architecture which includes database design, application logic, utility libraries and entities as well as support for generation of RESTful APIs. Designing is done with object-oriented approach (with HLD and LLD) and the application logic involves coding in a multi-threaded environment.

Jan 2016 - Application Engineer Intern
Jun 2016 Drishti-Soft Solutions

Working on InsideSalesBox to develop new features and enhance the product as part of the development team. The product is a customer interaction management software. The key responsibilities include all development phases for any new feature/improvement (design, coding, testing etc.) as well as fixing of bugs.

May 2015 - Android Developer
Jun 2015 Study India

- Responsible for designing Android applications in native UI from scratch.
- Conducted requirement analysis of the desired product.
- Responsible for independently creating Android applications and publishing them.

Mar 2014 - Inclined towards operations of CTO
2015 Digital Monozukuri (Self initiated startup)

The thought was to be a freelancing organization with experts in multiple domains to cater to services of potential clientele.

Feb 2014 - Research Assistant
May 2014 4Play Mobile Solutions

- Responsible for researching new development software and technologies.
- Responsible for giving a work-around to problems and bugs.
- Team leader and programmer.

Dec 2013 - Brand Ambassador

Jan 2014 WeChat (Tencent Technologies)

- Responsible for promoting the app socially.
- Responsible for elucidating views about the user experience.
- Responsible for pointing out potential improvements and bug fixes.

EDUCATION

Aug 2012 - Bachelor of Technology (Computer Science)

May 2016 Ansal University, Gurgaon

CGPA: 3.76/4.0

May 2012 12th grade (CBSE)

Delhi Public School, Gurgaon

Non-medical Science with Computers

Percentage: 84.60%

May 2010 10th grade(CBSE)

Delhi Public School, Gurgaon

GPA: 9.2/10.0

CERTIFICATIONS

Sep 2014 AMCAT (India's largest employability test)

Aspiring Minds

National Percentile: 99.2%

Apr 2013 - MOOCs

Feb 2014 edX and Coursera

- Creative, Serious and Playful Science of Android Apps (University of Illinois through Coursera)
- Introduction to Programming and Computational Thinking (Massachusetts Institute of Technology through edX)
- Introduction to Interactive Programming in Python (Rice University through Coursera)
- Learn To Program: The Fundamentals (University of Toronto through Coursera)
- Introduction to Computer Science (Harvard University through edX)