



# SACHIN KHETARPAL

Software Engineer

Creative and Self Motivated

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## WORK EXPERIENCE

### Software Engineer

Aricent Technologies now Capgemini

01/2016 - 03/2018

Gurugram

Achievements/Tasks

- 2 years of experience in Java and C++ programming.
- Android App Development in live GoPro Karma Drone Project.
- Website Development using Java JSP, Servlets, HTML, CSS during training project and in Turner Client Project.
- Socket Programming in Nominum VPN App Project.

### Web Developer - Freelancer

Knowforth Tech LLP

07/2019 - 03/2021

Delhi

Achievements/Tasks

- Creation of websites using dot net framework.
- Worked intermittently on web development projects as a freelancer.

### Senior Software Engineer

Mindtree Ltd.

01/2022 - Present

Noida

## EDUCATION & TRAININGS

### Northern India Engg College (B.Tech - CSE)

Guru Gobind Singh Indraprastha University

2011 - 2015

77.68%

### Rukmani Devi Jaipuria Public School

Delhi - 10th(2009) - 78% and 12th(2011) - 84.4%

### ARICENT NALANDA TRAINING

Java & Front End technologies

01/2016 - 03/2016

### Programming, Data Structures and Algorithms Training

NPTEL Online Certification - 82% Score

04/2015 - 07/2015

### Java Training

Certificate in Java programming language from NIIT limited

04/2012 - 06/2012

## SKILLS

Java

JSP Servlets

C++

Android

JavaScript

HTML

CSS

Oracle

SQL

TOOLS : Android Studio, Visual Studio, Eclipse

## PROJECTS

### GoPro KARMA Drone - BuckHorn (03/2016 - 09/2016)

- Worked in Localization Module in Seven Languages.
- Adding new assets as per customer CR (Change Request).
- Sanity Testing
- Providing Hooks for simulation of real time scenarios as flying Drones in India is restricted.
- Language used: Java (Android)

### Turner - Digital Ads (09/2016 - 12/2016)

- Worked on a POC of creating a Digital Ad Scheduler, the website is used to display ads on CNN.com and can be used for other websites also. With this we can schedule the time interval, number of times of a particular static or dynamic ad.
- Worked on Billing Module which calculates overall bill generated based on number of clicks and impressions on a particular Ad.
- Implemented the feature of Geo Targeting through which Country of a user is determined using ISP and according to that country/area Ad is displayed.
- Language used: Java, JSP

### Nominum VPN App Development (12/2016 - 12/2017)

- Creation of virtual sockets and tunnel interfaces in C++
- Creating Authentication Packet and forwarding network packets.
- Assigning IP addresses to the interfaces and maintaining free and busy pool of IPv4 and IPv6 Addresses.
- Reading the configuration file and initializing the server with the data.
- Authenticating client app using mobile numbers in whitelists.
- Addition of IPv6 support.
- Creation of AWS linux machines with dual stack network and common dns name.
- Creation of routing rules for proper internet connectivity

### Cisco Auto-Attendant (12/2017 - 03/2018)

- The software interacts with the caller and allows the caller to search for and select the extension of the party (in the organization) that the caller is trying to reach and makes the calls experience interactive without the need of receptionist.

## LANGUAGES

English

Professional Working Proficiency

Hindi

Full Professional Proficiency