

## ARCHIT BATRA

Ghaziabad – 201002 (U.P.)

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### OBJECTIVE

To improve my personal skills and utilize them in the best possible way for the development of the organization I work with.

### CURRENT POSITION

#### Software Engineer

Narnix Technolabs Pvt. Ltd., New Delhi

### EXPERIENCE

- Narnix Technolabs Pvt. Ltd., New Delhi [Jul 2016 – Present : 1 Year 8 Months (1.7 Years)]
  - Design, Develop & Host Dynamic, Interactive, Responsive, Secure & High Performance Web Applications using Java, SQL, HTML, CSS & Javascript on the Internet.
  - Understand the Architecture of the Assigned Project & Design its Solution for Development of Software by using the Best Practices & Requirements.
  - Adopt Test Driven Development for the Software using Unit & Integration Testing.
  - Perform Maintenance of the Software from time to time.

### ACADEMIC QUALIFICATIONS

S. No.	Degree/Specialization	University/Institution	Percentage	Year of Passing
1.	High School	CBSE Board (DPS Ghaziabad)	84.4	2009
2.	Intermediate	CBSE Board (Vivekanand School, Delhi)	70.8	2012
3.	B.Tech (Computer Science & Engineering)	Jaypee University of Engineering & Technology, Guna (MP)	62	2016

### SHORT-TERM COURSES / PROFESSIONAL TRAININGS

S. No.	Organization	Period	Particulars of Training
1.	NIIT, Ghaziabad	June 1 <sup>st</sup> – 30 <sup>th</sup> , 2012	Programming in C
2.	NIIT, Ghaziabad	May 26 <sup>th</sup> – July 3 <sup>rd</sup> 2013	Object Oriented Programming using C++
3.	Jaypee University of Engineering & Technology, Guna (MP)	August 24 <sup>th</sup> 2013	Cyber Disease 1.0 (conducted by i3indya Technologies)
4.	HPES, Noida	June 16 <sup>th</sup> – July 16 <sup>th</sup> 2014	Core Java
5.	Jaypee University of Engineering & Technology, Guna (MP)	January 19 <sup>th</sup> 2014	Android Development (in association with GDG Indore)
6.	DMRC Ltd.	January 1 <sup>st</sup> – February 28 <sup>th</sup> 2015	AFC & Telecom System
7.	CRIS, New Delhi	June 15 <sup>th</sup> – July 27 <sup>th</sup> 2015	Parcel Management System
8.	HPES, Noida	December 16 <sup>th</sup> – 31 <sup>st</sup> 2015	J2EE with Struts Framework
9.	C-DOT Campus, New Delhi	June 8 <sup>th</sup> – 9 <sup>th</sup> 2017	OneM2M Developers Event (INDIA-EU ICT STANDARDISATION COLLABORATION)
10.	Crowne Plaza, Okhla, Delhi	December 6 <sup>th</sup> 2017	IOT Roadshow (STMicroelectronics)
11.	Udemy	January 5 <sup>th</sup> – 25 <sup>th</sup> 2018	Learn Spring Boot in 100 Steps - Beginner to Expert (by in28Minutes Official)
12.	IIT, Delhi	February 12 <sup>th</sup> 2018	OneM2M Developers Tutorial (INDIA-EU ICT STANDARDISATION COLLABORATION)
13.	India Habitat Centre, New Delhi	February 19 <sup>th</sup> 2018	5 <sup>th</sup> International Data Science Summit (org by DSF, supp by BIS)

## PROJECTS UNDERTAKEN

### Development of Home Automation Solution & NIC Card [ongoing]

- To understand Architecture of the Home Automation System: the Hardware Products used, understand the Communication between the Gateway & the Cloud i.e. the Network Topology & the various Wireless Protocols used.
- To design & develop the Cloud Software i.e. the Web Portal for Energy Use Management as well as Remote Control & Monitoring of the Home Equipment & Appliances and Integrate it with the APIs, implementing all the backend functions.
- Technology used: HTML 5, CSS 3, Java 8, Spring Boot 2.0.0, REST API (Power Consumption), MQTT Protocol (Device Control), Bootstrap 4, Servlet Container (to be decided), Database (to be decided), Maven, Eclipse Oxygen IDE.

### My Portfolio Website [Feb 2018]

- Designed & Developed my dynamic, interactive, responsive, secure & high performance portfolio website & hosted on the internet.
- Technology used: HTML5, CSS3, Javascript, Github Pages.

### Twitter Demo [Feb 2018]

- Web Application to retrieve & send tweets with MySql Database.
- Technology used: Spring Boot 1.5.10.Release, Java 8, Tomcat servlet container, MySql Database, Maven, Eclipse Oxygen IDE.

### Surveys & Questions Application [Jan 2018]

- Developed a web application where you can list & add Surveys & their Questions.
- Technology used: Spring Boot 1.5.10.Release, Java 8, Hibernate JPA 2.1, REST Web Service, H2 Database 1.4, JUnit 4.12, Mockito 1.10.19, Tomcat servlet container, Maven, Eclipse Oxygen IDE.

### Todo Application [Jan 2018]

- Developed a web application where users can manage their Todos i.e. list, add, update, delete.
- Technology used: Spring Boot 1.5.10.Release, Java 8, JSTL 1.2, Bootstrap 3.3.6, JQuery 1.9.1, ArrayList (as Data Store), Tomcat servlet container, Maven, Eclipse Oxygen IDE.

### Narnix Technolabs Pvt. Ltd. website [May 2017-Sept 2017, Dec 2017] (+Subdomains)

- Designed & developed 3 versions of website of Narnix Technolabs Pvt. Ltd., New Delhi:
- Version 1: using HTML 5, CSS 3, MySQL 5.6, Java 8, JavaScript 1.7, JQuery 1.7, Tomcat Server, Netbeans 8.2 IDE. [Front-end](#), [Back-end](#)
- [Version 2](#): using Wordpress 4.8.3, CSS 3, PHP 5.6, CPanel. [SubDomain 1](#), [SubDomain 2](#), [SubDomain 3](#).

- [Version 3](#): using Spring Boot 1.5.10.Release, Java 8, HSQL DB 2.3.5, Tomcat servlet container, Maven, Eclipse Oxygen IDE.

#### **oneM2m application for LMC [June 2017] :**

- Developed a Java application with REST API for Home Light Monitoring & Control following the oneM2M standard by using Eclipse oM2M.
- Technology used: Java 8, JSON, REST API, Eclipse Neon IDE, Eclipse oM2M.

#### **Twitter Clone [April 2017]**

- Designed & Developed a web application on clone of Twitter website with options for users to tweet in 140 characters, follow other users, unfollow other users, user getting notification on getting followed by other user using Java 8, HTML 5, CSS 3, Tomcat Server, Netbeans 8.2 IDE.

#### **Library Management System [March 2017]**

- Built a console based Library Management System with options of adding, searching & deleting books from the system using Java 8 & Tomcat Server in Netbeans 8.2 IDE.

#### **Prototype of Home Automation System controlled by Android phones [2016]**

- Using Android ADK, communication is established between the ADK and Android mobile device, through application on pressing button led off/on, the connected bulb lighting is configured.
- Software used: Evthings client & workbench, Arduino IDE 1.6.8.
- Hardware used: Arduino Uno R3, BLE HC 05, Relay, Android device

#### **Damage Deficiency Message Module [2015]**

- Developed a Web Application for reporting defects in software, user can log into this module, which can be viewed by software engineer at CRIS and he/she can send a reply in that module itself.
- Programming languages used: Javascript 1.5 (&Ajax), HTML 5, CSS 3, Java 8 (Core Java, JSP & Servlets)
- Software used: Netbeans IDE, Tomcat Server , MySql, Post Cast Server

#### **External Drive Tracker [2014]**

- Tracks external drive plugged in and out event and shows drive details.
- Software used: Netbeans/Command Project

#### **Gaming Store [2013]**

- Created a managing portal for a gaming store that keeps a database about various games with their details along with customer's details.
- Software used: WAMP Server, SQL Buddy, Picasa 3

## **SKILL SET & INTERESTS**

- Java :  
Core Java  
JSP, Servlets  
Spring Boot  
Hibernate  
JPA, JDBC, ORM  
Maven  
Cryptography & Security  
TDD ie Unit Testing (JUnit & Mockito), Integration Testing
- Web Services : REST
- XML/JSON
- HTML
- CSS
- Responsive Web Design
- Bootstrap
- SQL
- SEO
- CMS like Wordpress
- Postman
- Github
- C
- C++
- JavaScript
- Keen interest in learning new programming languages & techniques for enhancement of my skills.

## **SCHOLASTIC ACHIEVEMENTS AND ACOLLADES**

- Placed in the Scholars Category based on academic excellence during 2005 – 06 at DPS, Ghaziabad.
- Obtained 1<sup>st</sup> prize in Hindi Calligraphy competition during 2001 – 02 and again during 2003 – 04 at DPS, Ghaziabad.
- AMCAT Certified Software Engineer – Product [Apr 2016 – Present]
- AMCAT Certified Software Engineer – IT Services [Apr 2016 – Present]
- AMCAT Certified Software Development Trainee [Apr 2016 – Present]
- AMCAT Certified Business Analyst [Apr 2016 – Present]
- AMCAT Certified Channel Sales Professional [Apr 2016 – Present]
- AMCAT Certified Collections Specialist [Apr 2016 – Present]
- AMCAT Certified Customer Service Specialist [Apr 2016 – Present]
- AMCAT Certified Data Processing Specialist [Apr 2016 – Present]

- AMCAT Certified Telesales Professional [Apr 2016 – Present]
- AMCAT Certified in English Comprehension [Apr 2016 – Present]

### **EXTRA-CURRICULAR ACTIVITIES**

- Successfully completed Youth Empowerment & Skills (YES+) Workshop of one week at JUET, Guna during October 2013.
- Obtained 3<sup>rd</sup> position in 50mt race in 2000, 1<sup>st</sup> position in 100mt race in 2001, 2<sup>nd</sup> position in 100mt race in 2002, 2<sup>nd</sup> position in relay race at DPS, Ghaziabad in 2003.
- Performed Rap Music in English during musical night in May 2015 & October 2015, during rap battle in February 2016 at Cultural Fest in JUET, Guna.
- Secured 2<sup>nd</sup> prize in Oblivion contest held in February 2014 organized by CSI at JUET, Guna.