

# Niyati Khandelwal

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## Education

### BACHELOR'S OF ENGINEERING | MAY 2019 | LNCT BHOPAL

- Major: Computer Science Engineering.
- CGPA: 8.35
- Related coursework: java, DBMS, Data structure, Software Engineering, Operating System.

### SENIOR SECONDARY EDUCATION | MAY 2014 | BANASTHALI VIDHYAPITH

- Percentage: 85%
- Distinction in Physics, Chemistry and Math

## Skills

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|---------------|------------------------|
| 1. JAVA       | 1. Data Structure in C |
| 2. NODE.JS    | 2. HTML 5              |
| 3. MySQL      | 3. CSS 3               |
| 4. MongoDB    | 4. JavaScript          |
| 5. Express JS | 5. Jade and Ejs        |

## Achievements

- **PERSISTENT INSPIRATIONAL AWARD** in Smart India Hackathon 2K18 held at Kurnool Nodal Andhra Pradesh for **Monitoring of Electricity At Household Level**.
- **2<sup>nd</sup> Runner up** in National Smart City Hackathon held in Bhopal.
- Won 1<sup>st</sup> **Prize** in **TREASUE HUNT** held during 5<sup>th</sup> Engineering Olympics at LNCT, Bhopal.
- Presented project called **AUTOMATIC METER READING SYSTEM** in **Bhopal Vigyan Mela**.
- Won 1<sup>st</sup> Prize in **SCRATCH YOUR BRAIN 2K15** organized by **Department of Information Technology** of LNCT, Bhopal.
- Been a part of **NSS** at Banasthali Vidhyapith.

## Projects

1. **AUTOMATIC METER READING SYSTEM:**  
Hardware Tools- Arduino, GSM Module

Software Tool – Arduino IDE, Android Studio, Net Beans, Java, HTML, CSS

Technologies- Firebase Cloud, Java, Embedded C

Project Description - Consist of Hardware as well as Software part where Arduino and GSM module were interfaced with Electricity meter and readings were automatically sent to cloud and from there the android application displays reading to user and web application is used by government to monitor usage and complaints.

2. **MY ACCOUNTANT:**

Platform – Eclipse

Technologies - Java, HTML, CSS, JavaScript, J2EE, jQuery, MySQL

Project Description - A web application built that keeps record of all the expenses and incomes of a user. The expenses and incomes are saved category wise and can retrieved by user. The Daybook, Bankbook, Cashbook displays all the records.

3. **Witty Lights:**

Hardware Tools: Arduino, GSM Module, LDR Sensor

Technologies – embedded C

Project Description – Automatic street light switching system which will automatically switch on the lights whenever any vehicle passes by and then turn it off as vehicle has passed down the road.

4. **Smart Meter Web Application:**

Platform – Eclipse

Technologies - Java, HTML, CSS, JavaScript, J2EE, jQuery, MySQL

Project Description – A web application that accepts meter reading from server and then those readings are displayed to user. Blackouts and meter reading are displayed on maps, also load analysis is performed.

5. **RESTful API:**

Project Description- RESTful API using Node.js, Express Js and MongoDB.

6. **Computer Repair:**

Technologies- Node.js, Express JS, MongoDB, Jade, CSS, Bootstrap.

Description- A web application developed for a computer repair shop that displays all the services provided and the user can hire services from the shop.

7. **To-do Application:**

Technologies- Node.js, Mongoose, EJS.

Description- An application to maintain a to-do list.

