

## EDUCATION

### **Grad School:**

**New Jersey Institute of Technology, USA**

**Sept 2021 - May 2023**

Masters in Computer Science (**Current GPA: 3.5/4.0**)

### **Undergrad School:**

**PDM College of Engineering & Technology, Bahadurgarh, India**

**Aug 2014 - May 2018**

Bachelors in Computer Science and Engineering (**GPA: 3.3/4.0**)

## TECHNOLOGY SUMMARY

**Programming Languages Framework:** JAVA, Python, JavaScript, SQL, UNIX, Linux, C, C++, HTML, CSS, XML, JSON.

**Frameworks, Databases & Servers:** React, JDBC, Hibernate, RESTful web service, Spring, MySQL, Oracle, NoSQL, MongoDB, Neo4j.

**Test Driven Development:** JUnit, Jest, Mockito, Power Mockito.

**Certifications** - AWS Certified Developer - Associate

## WORK EXPERIENCE

### **Z King**

**September 2018 - February 2021(2.5 Years)**

**Bahadurgarh, Haryana Role:** Teacher

**Company Profile:** Z King is an academy that provides coding bootcamps to students.

#### **Responsibilities**

- Developed curriculum to be used by students including coding projects.
- Taught introduction to programming languages to students using languages like python, Java, SQL.
- Also taught machine learning courses mainly recommendation systems, supervised and unsupervised learning, and natural language processing using python.
- Wrote sample projects and helped debugging, testing and implementing projects from end to end.

**Technologies used:** Python, Java, Junit, SQL, NoSQL.

**Libraries Used** - Numpy, Seaborn, Pandas,

**Algorithms** - Nearest neighbor, linear regression, logistic regression, K Mean, Decision trees, Random Forest, Neural Networks(Convolutional, Recurrent), Gantz.

### **Ledvance**

**February 2018 - August 2018**

**Haryana, India**

**Role:** Co-op internship, Software Developer Intern

#### **Responsibilities**

- Worked with the developer team on existing tools and implemented new features following agile practices.
- Created jobs in python to establish secure connection with servers, read, parse data and generate outbound feeds for internal employees.
- Created a parser that converted reports into human readable format in Java using object oriented principles.

**Technologies used:** Python, Java, JUnit, Mockito, LDAP

## ACADEMIC PROJECTS

### **CRUD News website**

This project was built on MERN stack, the goal of this project was to create a news website that allows registered users to log in and have a personalized news portal that displays news according to their preference.

Technologies Used: **Javascript, MongoDB, Express.js, Node.js, Jest, GitHub.**

### **Touchstone**

TOUCHSTONE is a website that provides an assessment platform for academic institutions & organizations. Using this platform assessment quizzes can be created and assigned to students, trainees and employees.

Technologies Used: **Java, JSP, JavaScript, MySQL, HTML and JQuery**

### **Search Engine**

An experimental search engine created on wiki dumps using a custom algorithm that combined algorithms like MapGraph, PageRank, WebGraph.

Technologies Used: **Java, Python**