

# PRATEEK PANDEY

+91-8527253547    pandey.prateek@outlook.com    linkedin.com/in/prateek-pandey-1903  
github.com/pandey-prateek

## Education

<b>International Institute of Information Technology Hyderabad</b> <i>M.Tech in Computer Science &amp; Engineering ; CGPA:8.76</i>	<b>2022 – 2024</b> <i>Hyderabad,IN</i>
<b>IILM College Of Engineering &amp; Technology,AKTU</b> <i>B.Tech in Computer Science &amp; Engineering ; 66.8%</i>	<b>2014 – 2018</b> <i>Noida,IN</i>

## Experience

<b>Impetus Technologies</b> <i>Software Engineer</i>	<b>Feb 2021 – Nov 2021</b> <i>Gurgaon, HR</i>
<ul style="list-style-type: none"><li>Designed and constructed MapReduce applications and Spring Boot REST APIs for CLOAK, a data ingestion utility that securely encrypts extensive datasets and retains them in an encrypted format.</li><li>Worked with the Parquet file format, encryption, and encrypted data access.</li><li>Designed and implemented a functional duplicate of the existing CLOAK infrastructure on a new node, with a primary objective of improving security and scalability to accommodate requests originating from India</li></ul>	
<b>Nucleus Software Exports Ltd.</b> <i>Software Engineer</i>	<b>May 2019 - Oct 2020</b> <i>Noida, UP</i>
<ul style="list-style-type: none"><li>Designed and Developed features &amp; Rest and Soap API for different versions of the Finn One Neo CAS, a web based lending application for acquisition,verification and processing of customer data and &amp; integrating it with 3rd party services using Spring 5,Hibernate,Oracle DB,JavaScript.</li><li>Revamped the disbursal module to reduce latency, enhance load performance, preserve existing functionality, and introduce new features for newer versions</li><li>Backporting of the newly developed features to older version</li></ul>	

## Projects

<b>DIPo(Distributed IOT Platform)   Python,MQTT,Flask,Kafka,Azure,Docker</b>	<b>JAN 2023-APRIL 2023(M.tech)</b>
<ul style="list-style-type: none"><li>The Smart City Platform is a distributed system for building, developing, and deploying IOT applications.</li><li>The platform employs microservices architecture with key features including auto-scaling, load balancing, scheduling,centralized logging, monitoring, notifications, and fault tolerance.</li><li>The platform offers users , ability to register sensors and access developer-contributed services through an user interface. After registering their sensors, users can conveniently select services and specify scheduling parameters. The scheduling module then adeptly manages the coordination and execution of these services on the available machine pools.</li><li>The platform dynamically binds sensors during runtime,and also performs actions like sending notifications, all within a fault-tolerant environment</li></ul>	
<b>ASCII(POSIX SHELL)   C++,Linux</b>	<b>Nov 2022- Nov 2022(M.tech))</b>
<ul style="list-style-type: none"><li>Ascii is a command-line interpreter that provides a command line user interface for Unix-like operating systems</li><li>It includes built-in commands like "cd," "env," and "echo," along with features for piping and redirecting commands.Additionally, it provides functionality for maintaining command history, setting alarms,and managing foreground and background processes</li></ul>	
<b>JSON Rule Validator   Node Js,React Js,Mongo Db</b>	<b>Aug 2022-Nov 2022(M.tech)</b>
<ul style="list-style-type: none"><li>The Json Rule Validator empowers users to validate provided conditional logic and statements. Users submit a rules.json file, and the application parses the user-created conditional logic in accordance with those rules. It notifies the user of both invalid and valid statements.</li><li>The tool supports the creation and utilization of new rules, including those defined in the past. Users have the flexibility to employ their own symbols for conditions, enhancing customization and adaptability in the validation process</li></ul>	

## Technical Skills

**Languages:** Python, Java, C++, HTML/CSS, JavaScript, SQL  
**Technologies/Frameworks:** Spring, Spring Boot, Hibernate, JQuery, Hadoop, Node Js, Flask, My Sql, Oracle Db, Mongo Db, Docker, Kafka, Azure

## Accolades

**AIR-459(Gate 2022):** Secure AIR 459 in Gate 2022  
**Dean's Merit List(Mtech-2023):** Secured a position in Dean's merit list