# Aayush Jaiswal

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## Education

- **Indian Institute of Technology, IIT** — Guwahati, Assam
  *Master of Technology (M-Tech) in Computer Science* — *July. 2019 – June. 2021*
- **Institute of Engineering and Technology, IET** — Indore, M.P.
  *Bachelor of Technology (B-Tech) in Computer Science* — *July. 2014 – June. 2018*

## Experience

- **Dhani Pay** — Mumbai, Maharastra
  *Software Engineer* — *Jul 2021 - Feb 2023*
  - **Automation**: Implemented **cron jobs** for the reconciliation of pending loan payments. Result in performing predictable and repetitive tasks without direct human input
  - **Security**: Used RegEx for parsing inputs transforming text and **masking sensitive data** in logs
  - **DhaniPay(UPI)**: Involved in designing and maintaining the main wallet structure of the app for UPI transactions, which includes validate VPA, notification webhook, collect request money flow etc.
  - **Feature**: Build Cashflow Feature in Dhani Credit Line Service
  - **Optimization**: Reduced response time for some **RESTful APIs** by identifying and reducing redundant database calls for the same data, by storing data internally
  - **Web development**: Designed and developed the web application for Dhani NCD. live link
  - **Logging**: worked with unstructured data to store every transaction that happens through DhaniPay UPI in JSON
  - **Technology Stack**: Java, Spring Boot, Maven, Git, Kibana, Elastic Search, JPA, AWS, Redis, Postgres, MySQL, MongoDB, Jira
  - **Relieving Letter**: click here
- **TechRacers** — Indore, Madhya Pradesh
  *Software Engineer* — *Oct 2017 - Jun 2019*
  - Developed automation script for data analysis, processing, and extraction of data
  - Designed and executed test cases to ensure accurate and reliable automation

## EXTRACURRICULARS

- **Teaching Assistant, IIT Guwahati** — July 2019 - July 2021
  - Mentors a group of 10 students for programming, Data Structure course and computer lab
  - Served as annotator, and **written paper** on *Formally Reasoning about Quality* (Link)

## PROJECTS

- **Query-Based Image Retrieval Using Neural**
  *Machine Learning* — *2020-2021*
  - **Objective**: To minimize the weight between the query and the image
  - **Methods**: Multi Response linear regression and Neural Network Methods
  - **Details**: The main aim is to retrieve the desired image just by typing one of the few words to describe it. In this emphasis is more on language models. On the image side, we only represent each by its features extracted from a pre-trained network.
  - **Hyperlink**: Click here

## Skills

- Data Structures, CI/CD, Microservices, RESTful API Design, Schema Design,Design Patterns.
- **Languages**: Java, JavaScript C++, C, SQL, XML

## Achievements

- Key role in completion and successfully **launching of Dhani UPI product**
- **Secured 99.12 percentile** in GATE Computer Science 2019 "Certificate link"