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Profile Summary

I am a highly motivated individual. Throughout my academic career, I have gained a solid foundation in computer science. In my last tenure i was working in a fintech based startup where i was involved with product managers and design team towards backend infrastructure development.

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 like UPI transactions, 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
  - **Logging**: worked with unstructured data to store every transaction that happens through DhaniPay UPI in JSON
  - **Technology Stack**: Java, Spring Boot, Maven, Gradle, Git, Kibana, Elastic Search, JPA, AWS, Redis, Postgres, MySQL, MongoDB, Jira
- **Teaching Assistant, IITG** — Guwahati, Assam
  Software Engineer — *Jul 2019 - Jul 2021*
  - Mentored a group of 10 students for programming and Data Structure course and lab
  - Served as annotator, and write papers for Automata logic and games

PROJECTS

- **Query-Based Image Retrieval Using Neural**
  Machine Learning — *2020-2021*
  - **Objective**: To minimize the weight between the query and the image
  - **Data-Set**: flickr8k, 133,287 images where each image is linked with 5 different human-annotated cap
  - **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.

Skills

- Data Structures, CI/CD, Microservices, RESTful API Design, Schema Design,Design Patterns.
- **Languages**: Java, 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