Sachin Kumawat

Software Engineer

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EDUCATION

Indian Institute of Technology, Ropar *August 2018 – May 2022*
Bachelor of Technology
C.G.P.A: **7.34**/**10**

Madhya Pradesh Board of Secondary Education *Govt. H.S. School For Excellence, Ujjain, M.P.*
Intermediate: **87.4%** Matriculation: **82.5%**

EXPERIENCE

- **CoinDCX** *June 2022 - present*

Software Developer - Backend Bangalore, Karnataka

  – Developed and maintained a customer experience service to serve the Help and Support section.
  – Designed and implemented robust APIs, ensuring **scalability** and **maintainability**, integrated with **Datadog** and **Grafana** for alerting and SLO metrics for error tracking.
  – Implemented **Dynamic flows** for user query resolution concerning payments (deposits & withdrawals) and KYC, achieving a **20%** reduction of user clicks.
  – Collaborated with **cross-functional** teams to deliver **scalable**, **high-quality features**.
  – Led discussions with Third-Parties and implemented features on top of their products for product use cases.
  – Technologies Used: **Node Js (express, mocha), Ruby on Rails, Golang (gin, GORM, gRPC), Java (spring boot), Kafka, AWS SQS, AWS Lambda, ElasticSearch (POC), Postgres, Datadog, Grafana, Sidekiq, Docker,** and **Kubernetes**

- **IntelleWings** *May 2021 - Nov 2021*

Data Scientist

  – Developed robust **web scrapers** for extracting structured data
  – Created ML module utilizing **NLP (NER)**, and **face recognition (YOLO)** to build **non-relational database** with an accuracy of nearly **92%**, exposed by REST APIs.
  – Integrated **Elasticsearch** for fuzzy/exact matching of text data which is further feeded to ML pipeline internally.
  – Benchmarking APIs performance using load testing using **JMeter**.

PERSONAL PROJECTS

- **Faculty Leave Application Portal** *Mar 2021 - Apr 2021*

Dr. Venkata M. Viswanath Gunturi **Github**

  – Developed leave application portal where, faculty members may request a leave. Leave application approval follows hierarchical approvals from higher authority(HOD, Dean, Director).
  – Aimed to create an optimized relational database(**PostgreSQL**) that stores less redundant data and maintains constraints. Triggers and stored procedures were used to achieve this goal.
  – Utilized a non-relational database(**MongoDB**) to store metadata of faculties.

- **Data Mining** *July 2020 - August 2020*

Dr. Dhiraj K. Mahajan **Github**

  – Aimed to extract images of molecular structures and their structured data like weight, density, etc. from PDFs of research papers, and store them in CSV files.
  – Utilized **PyPDF, tabula, Xpdf-tools, ImageMagick,** for getting data and **pandas** to store them in csv.
  – Experimented with **opencv, and image segmentation** but results were not much accurate

TECHNICAL PROFILE AND SKILLS

- **Leetcode**: Profile

- **Codeforces Profile**: Profile

- **Programming Languages**: C/C++, Python, Ruby (Intermediate), Javascript

- **Tools**/**Frameworks**: Node JS, Ruby on Rails,, Java, Spring Boot, Golang, Python, Flutter(Basic), PostgreSQL, Kafka, AWS SQS, AWS Lambda, Docker, Scikit-learn