Nivyanth Sai Chitturi
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EDUCATION

Indian Institute of Technology (ISM), Dhanbad　　Dhanbad, India
Bachelor of Computer Science and Engineering (with Hons.); CGPA 8.36/10　　*June 2015 - May 2019*

EXPERIENCE

OYO Rooms　　Gurgaon, IN
Software Development Engineer · Data Science　　*Jan 2020 - Jan 2021*

- **Third Party Client Business Insights Portal**: Responsible for API design, development, testing, code quality and deployment of RESTful services for the enterprise product in the business. Interacted with the Product team to finalize the logical flow of the API after understanding business requirements.
- **Data ingestion and migration**: Developed Kafka producer application to send messages from PostgresDB to Kafka topics in JSON format. Create and maintainance of cronjobs to send data of all the properties downstream by publishing data using Kafka. Formulated Python scripts that migrated data into existing schema from a CSV file using pandas and psycopg2.
- **Miscellaneous**: Performed on-call duties. Leveraged project management software JIRA to track the progress of the project and Git for version control.

OYO Rooms　　Gurgaon, IN
Data Support Engineer (Business) · Conversion　　*July 2019 - Jan 2020*

- **Meta channel growth**: Utilised data-driven insights to optimize listings and drive bookings on online travel agencies and meta-search engines. Conducted data analysis, implemented KPIs, developed dashboards, and collaborated with cross-functional teams to drive continuous improvement and informed decision-making.
- **Dashboard management and data supply**: SPOC for all the online conversion and revenue related Automated Dashboards and setting up Triggers for business tracking and alerts, leading numerous RCAs and Business Insights, issues with landing pages, SEO and SEA keyword performance analysis, etc. and using other agency tools like AWS EC2, Lambda functions, GCP cloud functions and Hive data tools.

Vijayawada Muncipal Corporation　　Vijayawada, IN
Web development · Freelancing　　*May 2022 - June 2022*

- **Protrack: Employee management system**: Developing a full stack application for Vijayawada Municipal Corporation(VMC) to track the progress of their various works and projects which helps in monitoring the performance of the employees (used by more than 100 different employed people of VMC). Led training, supervision, and project handover to a team of two recent graduates.

PROJECTS

Module Developer, Institute MIS in IIT(ISM) Dhanbad: Development of the Training and Placement module in the institute MIS which automates the activities of Career Development Center (CDC) online.Developing the desired features in PHP using CodeIgniter-MVC architecture. Database creation and management of the module using the tools for MariaDB.

Hackfest, IIT ISM Dhanbad 7th Edition: Created a web application, which has 3 modules driven by Deep Learning, which predicts the price of the crop for the next 6 months, identifies diseases in the crop, and detects weed in the Crop, with an accuracy over 95%. Uses CNN. 3rd Position in Nationwide Hackathon.

Hackfest, IIT ISM Dhanbad 6th Edition: Created an automatic attendance recorder application, which detects human faces present at assigned places of students using image data. Uses CNN. 10th Position in Nationwide Hackathon.

PROGRAMMING SKILLS

Languages: Java, Python, JavaScript (ES6), SQL, HTML, CSS, jQuery, C++, C, R, PHP, Dart
Technologies: Spring, Spring Boot, Spring Cloud, RESTfull Architecture, , NodeJs, ReactJs, Flutter, Bootstrap, Flask, FastAPI, Docker, , AWS (EC2, Lambda), GCP, Google Analytics/BiqQuery, , Windows, Linux (Debain and Arch)