

Ketan Maurya

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WORK EXPERIENCE

RADIUS

Bangalore, IN

INTEGRATIONS ENGINEER

Aug 2020 – Dec 2021

- Coded, built and single handedly managed various third party integrations which was critical for user retention.
- Implemented geocoding solution by caching and building a co-ordinate fetching system that reduced costs by \$500/month.
- Made internal KPI dashboards for data analytics.
- Built REST APIs using Laravel, Flask, Express and FastAPI frameworks.
- Transitioned stand alone services into a docker microservice.
- Worked on Zapier and coded on Zapier platform to connect applications to Radius Agent.
- Setup onboarding documentation.
- Used AWS (S3 and SQS) for public and internal use of objects as well as queue management.
- Enabled the team to do testing on development server by setting up firewall and rules on GCP.
- Defined, designed, and implemented data analytics strategies for sales/marketing/retention teams. The analytics data I provided served as a single source of truth for their day-to-day operations.
- Worked simultaneously with the USA team for the requirements and development team in India.

SKILLS

Programming Languages: Python, Php, JavaScript, Go.

Cloud: Docker, AWS, GCP.

Others: Git, Tableau, Zapier, SQL, Data Analytics.

Education

NORTHUMBRIA UNIVERSITY

NEW CASTLE, UK

BACHELOR(HONS) OF ENGINEERING ELECTRICAL AND ELECTRONICS ENGINEERING

Sep 2017 – Feb 2019

GPA: Second Class Honors

VIDYA PRASARAK MANDAL'S POLYTECHNIC

MUMBAI, IN

DIPLOMA IN INSTRUMENTATION

Jun 2014 – May 2017

GPA: First Class Diploma

PROJECTS

Automatic Location Based Payment System

Arduino, Python

TO IMPLEMENT AN AUTOMATIC PAYMENT SYSTEM USING RFID MODULE WITH ARDUINO AND A GUI USING PYTHON AS WELL AS A DATABASE FOR THE PRODUCTS/CUSTOMER DATA.

Temperature Control and Monitoring System

Embedded C, Python

TO DETERMINE AND MAINTAIN TEMPERATURE IN A CONTROL SYSTEM IN A FOOD PROCESSING/PLANT PROCESS USING TRANSDUCERS, MAKING SELF PCB'S AND MAKING A USER INTERFACE USING PYTHON AS WELL AS A DATABASE.

ACTIVITIES

- Nov 2019 **Google GCP essentials completed,**
- Aug 2019 **Certified Data Analyst-STECHUP,**
- Dec 2016 **Completion of SAP01 course,**
- Jun 2016 **Post Graduate Diploma in Embedded Systems,**
- Feb 2015 **Robotryst (Robotics Competition),**
- Jan 2016 **Training at TABER Industries in Introduction to Material Test and Measurement Instruments (Buffalo, USA),**
- Jan 2016 **Training at TECHNIDYNE CORPORATION in Measurement and Control of Optical Properties of Paper (New Albany, USA),**
- Jan 2016 **Training at MARK-10 in Force and Torque Measurement (New York, USA),**
- Feb 2011 **Science Foundation Examination (Years 2009,'10,'11),**
- Sep 2006 **Mathematics Championship,**