# Ketan **Maurya**

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## WORK EXPERIENCE

**RADIUS**                                                                                                          *Banglore, IN*
INTEGRATIONS ENGINEER                                                                              *Aug 2020 – Dec 2021*
- Single handedly built and managed various third party integrations which was critical for user retention.
- Built Geocoding solution to reduce costs for the company.
- Made an internal KPI dashboard for data analytics.
- Built REST APIs using Laravel, Flask, and FastAPI frameworks.
- Built parsers for various types of emails that came in the system.
- Setup Docker container for one of the microservices.
- Worked on Zapier and Zapier platform to connect applications to Radius Agent.
- Maintained the microservices which delivered data directly to the application.
- Worked with AWS (S3 and SQS) and GCP for setting up rules on the development server.
- 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, Hubspot, 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

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| 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**, |