Aurangabad, Maharashtra
India. PIN – 431136

S A U R A B H   S U N I L   D E S H M U K H

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PROFESSIONAL EXPERIENCE

Software Engineer   **Carnot Technologies**   **Oct 2020 - Present**

- *Working as a part of the backend team,* ***designed and built APIs, microservices*** *that help farmers manage expenses, book or rent tractors, and get advisory for crops, thus* ***increasing their revenue up to 30%****.*
- *Led development for* ***serverless*** *functions, and* ***successfully persuaded CTO*** *to consider these for our projects, as a result,* ***15% or our entire codebase*** *now comprises of serverless components.*
- *Automated sanity checks & data uploads using* ***Blob storage trigger****, leading to* ***zero human intervention.***
- *Implemented a* ***microservice*** *to automate the process of translating string XML's required by Android in 8 languages, thus* ***reducing manual efforts by 90%****.*
- *Developed an internal tool for the Q/A team helping them check features, report bugs in* ***25% less time.***
- ***Reported and resolved 500+ discrepancies*** *in the location database present in our data lake.*

EDUCATION

Government College of Engineering, Aurangabad, Maharashtra, India   **Jun 2016 – Jun 2020**

- *BS Candidate/Computer Science - CGPA 8.36/10.*
- *Main coursework: Data Structures, Design and analysis of Algorithms, Computer Architecture, Artificial Intelligence, Database Systems, Operating Systems, Software Engineering.*

TECHNICAL SKILLS

Programming: *Java, Python, REST, MySQL, PostgreSQL.*

PROJECTS

AirBnber API

  Implemented the complete backend API for an application similar to AirBnb from scratch. It can be used to manage homes, reviews, users and authentication. Tested and created documentation using postman.

Automated Exam Evaluation

  Built an automated exam answer sheet evaluation system using Optical Character Recognition and Natural Language Processing, later embedded these features into a web app using Node.js

ACHIEVEMENTS AND RESPONSIBILITIES

- *Led a 6-member team at* ***Smart India Hackathon, 2018 – Winner, Best Innovation award.***
- *Led a 4-member team at* ***Niti Aayog Smart Pune Hackathon, 2018 – Amongst top 15*** *finalists from all over the country.*
- *Co-authored a research paper titled* ***"Mutichain Enabled EHR Management System and Predictive Analytics"****, published in* ***Springer****.*