**SUHAS RAMESH**
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## EDUCATION

**Master of Technology in Computer Science** ***Aug'23– May'25***
University of Texas at Dallas GPA: 3.89
**Bachelor of Technology in Computer Science Engineering** ***Jul'19– Jul'22***
Reva University, Bangalore GPA: 3.96

## SKILLS:

- Programming & Concepts: Python, Java, Data Structures and Algorithms, Agile Development, Software Architecture
- Tools & Technologies: GIT, SQL, Oracle, MongoDB, Jenkins, QuillJs, PySpark, ELK Stack

## WORK EXPERIENCE

**Teaching Assistant, Department of Computer Science, University of Texas at Dallas, Dallas** ***Aug'24– Present***

- Taught Data Structures and Algorithms, guiding 100+ students in Python and Java coding.
- Designed coding assignments with Data Structures, improving student outcomes by 20%.
- Led lab sessions with Jupyter Notebook and GIT, enhancing hands-on learning.
- Supported group projects, resolving technical issues in real-time.

**Software Development Engineer, Software AG, Bengaluru** ***Jul'22–Jun'23***

- Integrated QuillJs Rich Text Editor into MDM product, raising customer satisfaction by 15%.
- Optimized SQL/Oracle tasks with shell scripting, cutting release times by 50%.
- Implemented Jenkins Integration testing, shortening release cycles by 20%.
- Debugged and deployed Java web app, resolving issues for 6 months.
- Upgraded deprecated ReactJS component using python, fixing a key vulnerability without organisation-wide code revisions.
- Mentored an intern on MS Teams and GIT, aiding their team integration.
- Led "Smart Feedback" project with OpenCV's DNN Module, Redis and MongoDB, enhancing usability testing.

## INTERNSHIP

**Software Development Engineer Intern, Software AG, Bengaluru** ***Feb'22– Jun'22***

- Mastered GIT, resolving code conflicts and boosting team productivity.
- Adopted Agile workflows, speeding up product iterations.
- Reduced bugs by 15% with testing, leveraging SQL queries.
- Applied business-driven testing methods, reducing critical bugs by 15%.

## ACADEMIC PROJECTS

**Attendance Through Face Recognition** ***Sep'20– May'21***

- Developed a face recognition system using Python and OpenCV with LBPH algorithm.
- Automated Excel updates with Pandas, cutting data entry time by 80%.

**Sentiment Analysis on Social Media Data to Predict the Outcome of Soccer Matches** ***Aug'23– Dec'23***

- Developed a face recognition system using Python and OpenCV with LBPH algorithm.
- Automated Excel updates with Pandas, cutting data entry time by 80%.

**VERKEA – IKEA in VR** ***Feb'24– Apr'24***

- Developed a face recognition system using Python and OpenCV with LBPH algorithm.
- Automated Excel updates with Pandas, cutting data entry time by 80%.

**Real-time Reddit Comment Word Count with Kafka, Spark, and Elastic Stack** ***Feb'24– Apr'24***

- Developed a face recognition system using Python and OpenCV with LBPH algorithm.
- Automated Excel updates with Pandas, cutting data entry time by 80%.

**DATAPOOL – KWIC index for search engines** ***Aug'24– Dec'24***

- Developed a face recognition system using Python and OpenCV with LBPH algorithm.
- Automated Excel updates with Pandas, cutting data entry time by 80%.

**Ad Click Prediction Using Machine Learning: Comparative Analysis, Tuning and Model Evaluation** ***Aug'24– Dec'24***

- Developed a face recognition system using Python and OpenCV with LBPH algorithm.
- Automated Excel updates with Pandas, cutting data entry time by 80%.