

Siddrameshwar Kadagad

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EDUCATION

- **The University of Texas at Dallas** Dallas, TX
 - Master of Science in Computer Science; **GPA: 3.94/4.00** Aug. 2019 – May 2021(Expected)
 - **Related Coursework:** Algorithms Analysis and Data Structures, Object Oriented Analysis and Design, Database Design, Operating System, Discrete Mathematics, Machine Learning, Natural Language Processing.
- **National Institute of Technology Karnataka** Surathkal, India
 - Bachelor of Technology in Electrical and Electronics; **GPA: 8.08/10.00** Aug. 2012 – May. 2016
 - **Related Coursework:** C Programming, Probability Theory and Applications, Microprocessors.

PROGRAMMING SKILLS

- **Programming Languages:** Java, Python, JavaScript, C, SQL, Matlab, Groovy, Expression Language
- **Technologies:** Spring Boot, ReactJS, J2EE, Oracle ADF framework, HTML5, CSS, JSP, Weblogic Server, Pandas
- **Other skills:** Linux, RESTful Services, Junit, Git, SOAP, XML, Jmockit, ADE, Octave, Shell scripting, Scikit-learn

RELEVANT EXPERIENCE

- **Oracle** Bangalore, India
 - Applications Engineer June 2016 - July 2019
 - **Multi-product HelpDesk:** Designed the applications utilizing inheritance to reuse most of the model and UI pages from an existing application and thus reducing 90% of development and code maintenance cost. These applications are used by 500+ clients of Oracle Sales Cloud.
 - **Integration of Oracle IoT cloud with Oracle Sales cloud:** Developed Service Request application for IoT devices using Oracle ADF Framework, Java, SQL, JSP, and J2EE. Implemented RestClient, RestApi Objects' Java classes to fetch required data of an IoT device from Oracle IoT Cloud into Oracle Service Cloud.
 - **Junits in Oracle Sales Cloud:** Implemented unit testing for 200+ Java methods using Junit and Jmockit and thus improving code coverage to 96%. This would help in preventing bugs from the future code changes.
 - **Oracle HCM MobileFirst Applications:** Developed mobile friendly Oracle HCM Cloud applications using MVC architecture based ADF Framework. Integrated Oracle HCM & CRM Cloud to create Ticketing service
 - **Customization of HelpDesk:** Implemented customization capabilities for Multiproduct helpdesk, Oracle HCM MobileFirst Applications and IoT cloud integration using Oracle Application Composer framework.
 - **Production/Customer Issues:** Debugged and fixed critical customers issues in quick time. Used Fiddler tool, Java Flight recorder, and Thread dump for analysing issues.

PROJECTS

- **Productivity tool:** Designed productivity tool to keep track of day-to-day activities. Built backend using Oracle DB, Oracle ADF and exposed it as REST API. Built UI using HTML, CSS and JavaScript with Rest API as backend.
- **DBMS:** Created a DBMS with capabilities for CREATE TABLE, SELECT, INSERT INTO along with meta tables.
- **Intruder detection:** Motion detection- Human detection- Face Recognition using Computer Vision, Transfer learning
- **Pattern detection from text:** Patterns - BUY (Buyer, Item, Price, Quantity, Source), WORK (Person, Organization, Position, Location), PART (Location, Location) detected using rule based approach.
- **Contacts Application:** Normalized and created tables and a web application with GUI. Create, edit, global search on all columns features implemented. Oracle, Oracle ADF used.
- **Redesigned Unix V-6 File System in C:** Designed and implemented Unix V6 File System to contain large files of upto 4 GB from original limit of 512KB. Implemented commands mkdir, rm, ls, pwd, cd, rmdir, cpin, cpout, open.

HONORS AND AWARDS

- **UTD Jonsson School Graduate Study Scholarship.** Among **top 3%** out of 450+ MS CS students.
- **Runner up at UTD AI in Healthcare hackathon.**
- Published IEEE paper with title "Efficient location selection for computations of expensive Log-Gabor features using novel directional enhancement: For robust localization of lane markings in cluttered scenes".
- **Merit Scholarship** Awarded for my academic excellence throughout undergraduate studies by my Institute.