

Siddrameshwar Kadagad

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EDUCATION

- **The University of Texas at Dallas** Dallas, Texas
 - Master of Science in Computer Science; **GPA: 3.9/4.0** Aug. 2019 – May 2021
 - **Coursework:** Algorithms, Database Design, Operating System, Machine Learning, System Design.
- **National Institute of Technology Karnataka** Surathkal, India
 - Bachelor of Technology in Electrical and Electronics Aug. 2012 – May 2016

PROGRAMMING SKILLS

- **Programming Languages:** Java, JavaScript, TypeScript, AOP, SQL, Python, C, HTML, CSS.
- **Frameworks:** Spring, Angular, J2EE, jQuery, ReactJS, Oracle ADF.
- **Technologies:** AWS, Solr, AJAX, RxJS, XML, Feign Client, Jsp, Weblogic Server, MongoDB, Git, Linux, Jira, IntelliJ.

EXPERIENCE

- Software Engineering Intern: **Copart, Dallas.** May 2020 - Present
 - **Support Tool:** Developed Web App to manage customer account, activity, payment. Developed Angular components for table with pagination. Implemented Advanced search using Apache Solr and reduced search time by 80%.
 - **Social Login:** Improved user experience by implementing Login with Google and Facebook using OAuth2.
 - **E-Sign Documents:** Implemented Electronic Signing of documents using Adobe Sign for online signature
 - **Batch jobs:** Automated emails for membership updates, reminders by implementing batch jobs using Quartz.
 - **Technologies:** Java, Spring, Angular, PrimeNg, TypeScript, RxJS, Solr, MariaDB, REST API, Quartz.
- Applications Engineer: **Oracle, India.** June 2016 - July 2019
 - **IoT Ticketing Service:** Increased early detection of IoT device faults and improved response time by integrating IoT Cloud with Service Cloud to automate ticket creation.
 - **Help Desk:** Designed applications using Object Oriented principals to reuse most code from an existing app and reduced 90% of development and code maintenance cost.
 - **Apps Customization:** Implemented customization capability for CRM, HCM, IoT cloud apps.
 - **Mobile First:** Improved user experience by developing Mobile First HCM Cloud apps.
 - **Unit Testing:** Implemented unit tests for 100+ Java methods and improved code coverage by 20%.
 - **Customer Issues:** Debugged and fixed Customers issues by collaborating with DevOps.
 - **Technologies:** Java, SQL, JavaScript, Spring, JSP, Oracle ADF, J2EE, Junit, WebServices.

PROJECTS

- **Contacts App:** Designed & normalized database for a full stack app with create, edit, search capabilities.
- **Text Pattern detection:** Extracting insights by detecting patterns - Buy, Work, Part from Wikipedia articles
- **Intruder detection:** Used Deep Learning, Transfer Learning and Computer Vision to detect intruders.
- **Unix V-6 File System:** Redesigned and implemented Unix V6 File System to contain large files of upto 4 GB from original limit of 512KB. Implemented mkdir, rm, ls, pwd, cd, rmdir, cpin, cpout, open.
- **Productivity App:** Designed productivity tool to keep track of day-to-day activities.

HONORS AND AWARDS

- UTD Jonsson School Graduate Study Scholarship. **Top 3%** out of 450+ MS CS students. Aug. 2019
- Runner up at **UTD AI in Healthcare hackathon.** Dec. 2019
- Published IEEE paper for Efficient Algorithm to detect Lane markings in cluttered images. Sep. 2016