

Lakshmeesha Shetty

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Education

Master of Science in Computer Science

University of Texas At Dallas, Dallas, Texas

May 2021

GPA: 3.630/4.00

Relevant Courses Database Design, Design and Analysis of Algorithms, Data Structures, Web programming, Machine Learning, Data Representation, CNN, Object Oriented Analysis and Design and Information Retrieval

Bachelor of Engineering in Computer Engineering

Mumbai University, Maharashtra, India

June 2019

GPA: 9.12/10.00

Relevant Courses OOPM, Machine Learning, Computer Architecture, Parallel and Distributed Systems

Skills

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| • Programming Languages | Python, C, Java, PHP, JavaScript, MySQL, React, Postgres, Firebase |
| • Applications | Spyder, Android Studio, VS Code, NetBeans, IntelliJ, Tableau |
| • Frameworks and Technologies | Bootstrap, jQuery, Rest API, Node.js, Django, Jinja, Elasticsearch |
| • Operating Systems | Windows 7,8,10, Ubuntu (Linux) |
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Projects

Movie Search Engine ([GitHub](#))

May 2021

- Collaborated in development of a Movie Search Engine; generating movie results from top movie websites like Imdb, allmovies and metacritic
- Presented search results in less than 48 secs for different search queries; using Elasticsearch for indexing, PageRank and HITS as relevance models and Clustering and Query Expansion for improving results

The Burger Builder Web Application ([GitHub](#))

Jan 2021

- Created User-Friendly Web Application for customers to customize and order burgers; adopting Single Page Rendering approach of React decreasing load on servers by more than 60%
- Developed final interface by adopting core React concepts; state-management with help of redux, Routing capabilities of react-router and some tools allowed by React Hooks
- Achieved management and various operations on order information data; positioned Firebase to store, sync and query each tab in application

Homies Real Estate Website ([GitHub](#))

Dec 2020

- Implemented a Dynamic Real Estate Web Application; aggregated functionalities with interface to browse over 100 homes, providing detailed insights of every real estate and communicating choices to associated realtor
- Structured the application by employing Django Framework built for python; added services to application which were architected by MVC framework of Django i.e. apps, views and models
- Constructed and Customized Admin Structure by Django; looked after overall data manipulation and control of inquiries of realtors and listings of homes in real-time

Dallas Coffee House Website ([GitHub](#))

May 2020

- Materialized a Coffee House website presenting a responsive and convenient way to filter, search and order items from a vast array of menu choices categorized in 3 different sections: Drinks, Snacks and Desserts
 - Designed portal by utilizing easy-to-change order options based on customer preferences, simple order updation feature on checkout and a Central Admin panel synched with menu
 - Improved responsiveness and look of Front-end UI with Material Design and Bootstrap
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Work Experience

Teaching Assistant, University of Texas at Dallas

Feb 2021 to May 2021

- Mentored projects of students dealing with OS concepts and assisted professor in academic duties

Student Assistant, CS Outreach, University of Texas at Dallas

Sept 2020 to Feb 2021

- Tutored students through coding camps and sessions in languages and frameworks like python, Javascript, jQuery, PHP and MySQL