AKHIL KUMAR HARIKUMAR
Full Stack Developer

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EDUCATION

Master of Science - Computer Science   **Aug 2021 - May 2023**

University of Texas at Arlington, TX, United States

Courses: Software Engineering, Advanced Topics in Software Engineering, Database Systems, Web Data Management, Computer Networks, Numerical Methods, Algorithms, Data Analysis and Modeling Techniques.

Bachelor of Engineering - Computer Science Engineering   **2017 – 2021**

Anna University, Chennai, India

TECHNICAL SKILLS

Languages: JavaScript (ES6 +), Python, Java

Framework / Library: ReactJS, Django, Flask

Web Technology: HTML5, CSS3, Bootstrap, TailwindCSS, SASS, Headless UI

Database: MySQL, SQLite, PostgreSQL, Firebase

Other Tools: Git, GitHub, AWS, Heroku, npm, VS Code, Canva

WORK EXPERIENCE / PROJECTS

Full Stack Developer (Freelance)   **2018 - 2021**

- Designed and developed multiple static and dynamic web pages for 3 Local Business using JavaScript, ReactJS, Bootstrap
- Using Python's NLTK, built a chat bot for my university web page with efficient search time complexity. XML and JSON were used for feeding the data.

Cloud Storage System Using Concurrent Techniques

- Built a cloud storage application using Java and SQLite to store and sync the data across different devices.
- Managed connection using TCP & UDP for sending and receiving data.

Movie Database (movie-home.ml)

- Using ReactJS, created a web application for browsing latest movies, TV shows and much more. Developed a custom search where users can query for movies, TV shows and even the casts, crew of the show.
- Deployed on GitHub and styled using TailwindCSS.

Dividends 4 Income (dividends4income.ml)

- A Django application that allows users for viewing latest stocks dividends, their history, payout and much more. Users can query different company tickers all over United States.
- Other technologies used: Bootstrap, Pandas, jQuery, hosted on GitHub & Heroku.

INTERN / WORKSHOP

Workshop, Tagore Engineering College, Chennai, India   **Mar 2020**

- Learned Python Libraries like Pandas, numPy and made an application to represent data.

Intern, Wiki Techy, Chennai, India   **Aug 2019**

- Exposure on Cloud Computing and various cloud services like AWS Lambda, S3, EC2, CloudFront.

Intern, RE Tech Solutions, Chennai, India   **Oct 2018**

- Acquired core knowledge of Object-Oriented Concepts and worked on few Java mobile applications.