# Tharun Lakshmanan

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## EDUCATION

**Thiruvalluvar University**                                                                                                     **Cheyyar**
Bachelor Of Computer Applications (BCA)                                                          *Graduation Date: Jul 2022*

## SKILLS & INTERESTS

**Skills:** Html | Css | Js | React Js | Python | Django | Sql | PostgreSql | AWS(Basic) | Appium | Selenium | Git | Github

**Interests:** Web development | AI - ML |

## CERTIFICATIONS

Certificate in Python in Besant Technologies

Barclay's LifeSkill Programme in GTT, Certificate in Django Framework Basic to Advance in Guvi

## WORK EXPERIENCE

**AIML(OpenDataFabric)**                                                                                                   **Bangalore**
Software Developer                                                                                               *Dec 2022 - Aug 2023*
- Conducted comprehensive testing of software systems using Python, resulting in increase in testing efficiency and a decrease in bugs identified.
- Collaborated with front-end developers to enhance website functionality by integrating AWS services, improvement in website performance, and user experience.
- Developed and Analyzed manual data extraction and increased data analysis efficiently.

**Freelancing – Buy Supply**                                                                                              **Chennai**
Python Developer                                                                                                   *Jul 2022 - Nov 2022*
- Spearheaded a process re-engineering endeavor that aimed to enhance and streamline end-to-end service processes.
- Completed loggers into the existing codebase, resulting in improved error tracking and debugging process, reducing troubleshooting time.
- Designed a user-friendly UI using the Streamlit library, resulting in an enhanced user experience.

## PROJECT EXPERIENCE

**Self Learning**                                                                                                             **Vandavasi**
Live News Application
- Developed and launched a dynamic live news web application using ReactJS and other cutting-edge web technologies.
- Implemented advanced data caching techniques, reducing loading times and improving overall performance of the application.
- Implemented responsive design principles to optimize the web application for mobile devices too.

**Self Learning**                                                                                                             **Vandavasi**
Ecommerce - Application
- Developed a feature-rich e-commerce website using Python and Django framework, incorporating end-to-end functionality from user authentication to order processing.
- Integrated authorization checks to ensure that users have appropriate permissions, enhancing the overall security posture of the e-commerce platform.
- Utilized Django's ORM (Object-Relational Mapping) to interact with the SQLite database, ensuring efficient data retrieval and manipulation.

**Self Learning**                                                                                                             **Vandavasi**
Mobile application testing
- Automated testing of buttons in calculators using Xpath and ID with Appium Inspector, ensuring accuracy and reducing manual testing time.
- Executed a comprehensive mobile application testing project in Appium, resulting in the identification and resolution of software bugs before product release.
- A streamlined process for Appium mobile application testing, utilizing innovative techniques to increase efficiency and reduce the overall project timeline by two weeks.