SHILPA SHIVAKUMAR

No 23, 1st main, 1st cross, Kogilu layout, Yelahanka, Bangalore – 560064

8880519774/8217489339   **shilpashivakumar.15@gmail.com**

Date of birth	15/02/1998
Place of birth	Bangalore

EDUCATION

B.E in Information Science

Atria Institute of Technology (AIT)	7.95/10.0	**July 2019**
12th grade, Nagarjuna PU College	84.16%	**May 2015**
10th grade, Oxford English School	76.8%	**Mar 2013**

PROFESSIONAL EXPERIENCE

System Engineer, **Infosys Ltd.**   **Aug 2019 - to date**

- A Indian multinational corporation that provides business consulting, information technology and outsourcing services with an annual turnover of US$10 Billion and employing >2.5 Lakhs

- ❖ Developing the web pages under SunTrust now Truist project.
- ❖ Develop the User Interface according to the designs given which will later be integrated into AEM Components to reuse for building the web pages.
- ❖ Providing constant support to project team by maintaining the health of the application throughout the development.
- ❖ Testing the different component developed, execute the generated test cases and upload the identified bug in the bug tracking tool called rally.
- ❖ Tracked and reported on a timely manner, several valuable defects within each project cycle.

TRAININGS AND INTERNSHIPS

Trainings provided at Infosys Ltd.   **Jan 2019 - May 2019**
Generic Training: Which included basics of python, oops concepts, data structures and database management system with assessments of each section.
Stream Training: Which included MERN stack training with assessments.
L and D Training: Which included soft skills training like speaking, communication, presentation skills, email writing etc with assessments.

Software Developer-Trainee, **Infosys Ltd.**   **Jan 2019 - May 2019**
-A Indian multinational corporation that provides "winternship" opportunities to IT background students followed by employment opportunity.

- ❖ Developed & designed an application for Automatic Generation of Testcases for react project, the testcases will be automatically generated for the uploaded react project.

Software Developer-Intern, **Apex Hi-Tech Institute.**   **July 2018 - Aug 2018**
- ❖ Developed Airline application using MongoDB, Html, CSS, Bootstrap, JavaScript whose main objective is to allow the users to check and compare the prices of different flights to different places.

Software Developer-Intern, **Bharat Electronics Ltd.**   **Jan 2018 - Feb 2018**
- ❖ Worked and acquired knowledge in "Development of Integrated Project Management Tool".

UNDERGRADUATE PROJECT

Airfare predictions using machine learning techniques   **Jan 2019 – Apr 2019**
- ❖ Implemented the machine learning algorithms to predict the airfare prices.
- ❖ Used 2 machine learning algorithms Random forest and bagging regression tree to predict the fares to different places considering 8 important features like time, weekdays, days until departure etc.
- ❖ Observed that the prediction accuracy was up to 94.53% using bagging regression tree algorithm and 93.08% using random forest algorithm.

Automatic testcases generation for react project   **Jan 2019 – May 2019**
- ❖ Developed an application for generating the testcases and validating the uploaded react project.
- ❖ This application allows the user to upload the created react project/file and automatically generates the testcases therefore validating the correctness of the project/file.

Mini-Project: Airline Management System
- ❖ Developed using HTML5, Bootstrap, jQuery, PHP, and MySQL
- ❖ The main objective was to allow the users to check and compare the prices of different flights to different places.

Mini-Project: Club Management system
- ❖ The project aimed to help the associates to manage their business and improve services to the customers.

Mini-Project: Movie Database
- ❖ Database Management System Project.
- ❖ The main objective of this project is to store the data and all information related to the movies and retrieve it whenever necessary using suitable queries

PUBLICATIONS, PRESENTATIONS AND CONFERENCES

- ❖ Abhilash, Shilpa S, Ranjana Y, Zubeda A Khan, "Survey on Air Price Prediction using Machine Learning Algorithms", in IJIREEICE Vol. 7, Issue 2, February 2019, DOI 10.17148/ IJIREEICE.2019.7203

TECHNICAL SKILLS

Operating Systems: Windows, Ubuntu.
Database and Client/Server Technologies: MySQL, MongoDB.
Software Tools: Visual Studio IDE, Visual Studio Code, MS Office, Eclipse IDE.
Web Applications: HTML5, CSS, Bootstrap, JQuery, JavaScript, AngularJS, ReactJS, Basics of NodeJS and ExpressJS.

COURSES AND CERTIFICATION

Digital Certification: Taken up the Global Agile Developer Certification in LEX learning platform.
Web Accessibility Courses: Taken up the following web accessibility curriculum 2.0 courses under Deque University,
1. Accessibility Fundamentals – Disabilities, Guidelines, and Laws
2. Designing an Accessibility User Experience
3. Semantic Structure and Navigation

Technical Training: Completed the technical training on Web Technology Landscape under LEX Learning Platform.

LANGUAGES

English, Kannada (Read/Write/Speak), Hindi, Telugu (Read/Speak)