

DEEPAK MURALIBABU

SOFTWARE PROFESSIONAL

Creative and persistent self-starter with a fresh take on software development. Eager to bring undergraduate accomplishments and experiences to the table while learning from seasoned professionals, combining cutting-edge ideas to implement results-focused solutions.

LEADERSHIP

- Organized a team of volunteers to collect and distribute to old age homes
- Leading a team of 5 students to develop a food delivering system for college canteen
- Presented the solution for the food delivering issues to college Vice Chairman

KEY SKILLS

- Programming Languages:
 - JAVA, JavaFX, Python, C/C++
 - UI/UX Designing
 - HTML, CSS
 - React.js, Node.js
 - Mobile Application Development
- Database: MySQL
- Firebase Authentication
- Hardware:
 - IOT – ARDUINO
- Familiar in
 - JavaScript
 - Cyber Security Hacks
 - Kubernetes
 - AWS
- Operating Systems:
 - Linux
 - Windows
 - Android

ADDITIONAL SKILLS

- Proficient in MS Office, and fluent in English, Tamil, and Hindi.
- Excellent interpersonal skills, strong sense of responsibility and integrity.

INTERNSHIPS

ADVANTEST INDIA PRIVATE LIMITED (1 MONTH)

JANUARY 2022

- Programmed a resizable GUI based Calculator using Java and Swing.
- Gained the knowledge in java programing concepts like palindrome & prime number and familiarized all the syntax.
- Used the GridLayout and arranged the buttons and programed their functionality.
- Key Achievement:** GUI template was adapted to reduce development time by 25%

ADVANTEST INDIA PRIVATE LIMITED (1 MONTH)

JUNE-JULY 2023

- Design and Developed GUI based Pogo Mapping application for Linux and Windows.
- Used Java, JavaFX, and Scenebuilder to build the main application, Graphical Interface, and Layout respectively.
- The Layout was simplified to an XML file for cross platform friendly operation.
- Key Achievement:** Improved the debugging efficiency by 30% and reduced the time to locate the Pogo location by 95%

SAY IT (12 MONTHS)

AUGUST 2023

- Design and Developed the Content Management System using HTML and CSS.
- This application includes the bootstrap website, user login, registration, email validation and verification in react.
- Design and developed the backend admin feature for the user to view the statistics and total overview of the respective webapp.
- Key Achievement:** Gained customer satisfaction and reduced the backend operations time by 25%

EDUCATION

BACHELOR'S IN ELECTRONICS AND COMMUNICATION

EXPECTED 2025

SASTRA DEEMED UNIVERSITY – ECE(CPS)

Related Course Work:

Electronics Circuits, Digital System Design, Electric Networks, Microprocessor and Microcontroller, Analog Systems, Signals and Systems, Cyber Physical System, Computer Networks, Analog and Digital Communication, Probability and Random Process, Digital Signal Processing and Java Programming.

ONLINE CERTIFICATION COURSES

2023

ED-LEARNING PLATFORM (UDEMY)

• KUBERNETES & DOCKER ESSENTIAL

Learned the Architecture and Concepts of Kubernetes, Deployment, Service, Secret, Persistent volume. Created and demonstrated the MVC application using visual studio code and added model and controller for products.

• AWS CERTIFIED SOLUTIONS ARCHITECT ASSOCIATES

Gained knowledge in Cross region replication, transfer acceleration, data sync, cloud front lab, snowball lab, storage gateway, and Athena vs Macie

ACHEIVEMENTS

- Won First Prize for composing background Piano instrumental music for our college cultural 2023 event "KURUKSASTRA".
- Won four awards in year 2019 for securing first and second place in solo singing.
- Won three awards in year 2018 for performing Carnatic and light music for "Channel Surfing" events during inter school cultural competition.
- Completed all 9 Examination levels in Hindi language conducted by Dakshina Bharat Hindi Prachar Sabha.

VOLUNTEER EXPERIENCE

- Organized a team to collect the Grocery items, Garments, Unexpired Medicines and delivered to distribution units. Coordinated with the management team of each old-home care providers to get the required items and worked with volunteers to packed them in labeled boxes with clear instructions for distribution. Collaborated with distribution teams and delivered the boxes to the marked locations during Christmas season.
- Participated in a team to collect Garments, School Supplies like Pencils, Notebooks and Pen for mid teen students. Worked with volunteer organizer to visit the Cancer Institute, Adyar to distribute the collected items like Garments, Shoes and other items for infants and babies.

CONTACT



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PROJECTS

- Official Website PROJECT – "ShaadiTamil" (2024)
 - Developing a matrimonial site named www.ShaadiTamil.co.in using react.js, node.js, and MongoDB for database. This site consists of payment gateway integration for purchasing of premium subscription and in-app chatting feature between matched profiles. (Ongoing project – 50% completed)
- Official Website PROJECT – "Say IT" (2024)
 - Designed and Developed an official website www.sayit.co.in for the Say IT Company using Html, CSS, Angular.js and included PHP for backend contact filling details.
- Official Website PROJECT – "DriveTime24" (2024)
 - Designed and Developed a website www.drivetime24.in for a car dealer called Drive Time who buy and sell used and new cars. Included a feature to upload car images for customers who want to sell their car and get an online price quotation and contact form using PHP for customers with queries.
 - Website link: <https://www.drivetime24.in>
- FOOD DELIVERY APP PROJECT – "The Feast Hub" (2023)
 - Designed and Developed the Java based application to ease the process of ordering and delivering the food from the college canteen to the students hostel that is 2 km away.
 - The application was developed under Android Studio IDE with Firebase console for authentication
 - All the major modules like login, signup, registration, password reset, email, and payment integration are included to provide complete solution.
 - Integrated the user selectable menu, add to the cart feature, and payment selection pages to the final application.
- HEALTHCARE APP PROJECT (2023)
 - Developing the Java based application to ease the process of booking appointments in nearby hospitals, ordering medicines which will be delivered to the patient. Added additional features like health articles, booking in-home lab tests.
 - After thorough investigation, selected the Java programming language in android studio IDE based on features like portability, Open Source, Security, Object-oriented and so on for the application development.
 - Created a login and signup pages and used firebase console for authentication.
 - Firebase:
 - ❖ Created firebase authentication using an existing google email-ID and implemented templates for forgot password and reset password link through email.
- PREPARED THESIS FOR THE PROJECT (2023)
 - Brain Tumor Detection and Classification by MRI using biologically inspired orthogonal wavelet transform and deep learning techniques.
 - Submitted the completed thesis to the 2023 International Conference on Computer Communication and Informatics (ICCCI)
- DOOR LOCK WITH PASSWORD USING ARDUINO (2022)
 - Built the Door Locking mechanism using Arduino UNO, Keypad, LCD display, and DC Motor.
 - The Arduino program will check for correct password that is encrypted and stored in memory to turn on the DC Motor that is attached to door lock mechanism to open and close the door lock.
