[Routhu Surendra Kumar](https://surendrakumarouthu.github.io/Surendra-kumar-s-Portfolio/)

 +91 9441944281 [routhusurendrakumar4@gmail.com](mailto:routhusurendrakumar4@gmail.com) [LinkedIn](https://www.linkedin.com/in/routhu-surendra-kumar-05762923a) [GitHub](https://github.com/Surendrakumarouthu)

# Career Objective

# To apply my strong technical skills and innovative mindset in a fast-paced, growth-driven environment. I aim to contribute to meaningful projects that drive organizational success, while continuously expanding my expertise. With a passion for problem-solving and teamwork, I seek to deliver impactful results through cutting-edge technology.

# Education

|  |  |
| --- | --- |
| **Avanthi Institute of Eng and Tech, Visakhapatnam Andhra Pradesh.** | *2024* |
| B-Tech – Computer Science and Engineering (CSE) CGPA/Percentage: 7.73 |  |
| **Thandra Paparaya Junior College, Bobbili Andhra Pradesh.** | *2020* |
| Telangana State Board of Intermediate Education (MPC) CGPA/Percentage: 9.50 |  |
| **Z.P High School, Andhra Pradesh.** | *2018* |
| Board Of Secondary Education Andhra Pradesh (SSC) CGPA/Percentage: 9.3 |  |

**Internships**

**Salesforce Developer, Smart Internz** [*certificate*](https://drive.google.com/file/d/1Ku4WgF6EYyPWbPMsLRu-uxpNN7tazx9C/view?usp=sharing) **Remote**

*Salesforce Developer 08-2022 to 10-2022*

* Salesforce Developer at Smart Internz: Completed multiple Salesforce Trailhead modules and earned Super Badges in Apex and Process Automation

**AI & ML Intern, Google** [*certificate*](https://drive.google.com/file/d/1NxIrbmlNVI9VogVGtubdvQNjPM21g9oV/view?usp=sharing)**Remote**

*AI & ML Intern 07-2023 to 08-2023*

* During a 6-week internship, I focused on AI and ML topics for 4 weeks, followed by a 2-week team project on natural disaster analysis. Used RNN, SVM, Decision Trees, and CNN algorithms to develop a machine learning model for analysis.
* Developed a machine learning model to analyze and predict natural disasters, improving response strategies. Utilized data preprocessing, feature engineering, and model evaluation techniques to achieve high accuracy and support decision-making processes in disaster management.

**Associate in Cyber Security, Fortinet** [*certificate*](https://drive.google.com/file/d/1EO35VaDRQagKGIiAxJkq38PWs3IXao3p/view?usp=sharing)**Remote**

*Network Associate 12-2023 to 04-2024*

* As a Certified Associate in Cybersecurity with Fortinet, I completed an internship, gaining hands-on experience in incident response and vulnerability assessments.
* Monitored network traffic using Fortinet's tools to identify and respond to security threats in real time.
* Participated in the development and implementation of security policies and protocols

# Projects

**[Python Based Speech to text& text to speech](https://github.com/Surendrakumarouthu/Python-based-speech-to-text-and-text-to-speech-conversion/blob/main/README.md" \o "project details)**

* + Tool Developed a Python Tkinter app featuring speech-to-text via SpeechRecognition and text-to-speech using pyttsx3. Overcame audio handling challenges, creating a user-friendly interface for communication aids, language learning, and assistive technologies Technologies
  + Used: Python (Tkinter, SpeechRecognition, pyttsx3, pyaudio).
  + Challenges Overcome: Overcame challenges related to audio input/output handling, including noise reduction and audio recognition errors.
  + Skills Demonstrated: GUI development, audio processing, Python programming, problem-solving.

# [FarmTech Solutions Using HTML and CSS](https://farmtech-solutions-5b946.firebaseapp.com/)

* Developed a responsive website using HTML, CSS to provide agricultural services and solutions
* Styled the interface with custom layouts, buttons, and fonts to create a clean, user-friendly design.
* Ensured seamless performance across devices by applying responsive design principles and focusing on intuitive user experience.

# [Blood Link Project](https://bloodlink-b3998.firebaseapp.com/)

* Developed a fully responsive blood donation website using HTML, CSS, and Bootstrap.
* Designed an intuitive and mobile-friendly interface to facilitate users in finding and registering as blood donors.
* Ensured smooth user experience with clear navigation and seamless functionality across all devices.

# Technical Skills, Soft Skills and Interests

**Programming Languages** : Java, HTML 5/CSS3, JavaScript, SQL, Full Stack Web Development

**Tools :** Eclipse, GitHub, Git, VS code, PEGA (8.8), Myql WorkBench

**Coursework** **:** DBMS, Computer Networks, SDLC, OOPS

**Soft Skills :** Leadership, Curiosity, Teamwork,

**Areas of Interest :**  Volunteerism

# Achievements

[Senior System Architect Pega Systems](https://drive.google.com/file/d/1yuOqgv0y3nvMOHVq1VIcaSyM4kRy6opq/view?usp=sharing) July, 2023 [Infosys Springboard Basics of Python](https://drive.google.com/file/d/11kX0tYu7geEMImr3woSeCEX90r6Fgze-/view?usp=sharing) September, 2022

[System Architect Pega Systems](https://drive.google.com/file/d/1P5UbHxUq9ipXwailtV4f0uGPdlN7EDuB/view?usp=sharing) March, 2024

[Foundation-Level Python Full Stack Course](https://drive.google.com/file/d/1GvRjxivdO24xxwnva67_AyyJQfxafrZe/view?usp=sharing) September, 2023

[SQL and Relational Databases Course IBM Skills](https://drive.google.com/file/d/1WJ9ict385qWoJdyYbq-Drumw4hhf-Qtc/view?usp=sharing) June, 2024

[Microsoft Azure Fundamentals](https://drive.google.com/file/d/1mlWNqziNx2faAlf-A45CdrDHSvHNkTNe/view?usp=sharing) November, 2022

# Volunteer Experience

* Served as the head organizer during the PEGA Boot Camp Program, overseeing all aspects of the event.
* Served as Class and school representative, demonstrating leadership and organizational skills.

# Personal Details

**Gender :** Male

**Date of Birth :** 14th March, 2003

**Address :** 94/1,Naidu Veedhi ,Vannam, Komarada, Manyam, Andhra pradhesh,535524