

DEEPAK S



CONTACT

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📅 29/06/2004

OBJECTIVE

To secure a responsible and challenging position where I can utilize my training, human resource expertise and management skills to foster effective team collaboration, drive operational excellence, and contribute to the organization's success. I aim to create a positive and productive work environment by promoting teamwork, communication, and innovative problem-solving strategies.

SKILLS

- python
- c
- c++
- html and css
- mysql, postgresql, mongodb
- Java, javascript, node js
- Android studio
- internet of things
- cloud computing
- flutter
- reactjs, models, expressjs
- R
- Tableau, Power BI, excel
- machine learning
- Artificial intelligence

LANGUAGE

- ✓ tamil, english

EDUCATION

VIDHYA MATRIC HER SEC SCHOOL

2020

10th
94%

VIDHYA MATRIC HER SEC SCHOOL

2022

12th
92%

RAJALAKSHMI ENGINEERING COLLEGE

3rd year

B.TECH(ARTIFICIAL INTELLIGENCE AND DATA SCIENCE)
7.9

PROJECTS

Consultancy project

In this project, I contributed to both the frontend and backend development. The frontend was built using CSS and HTML, while the backend was implemented with Flask and JavaScript. The primary objective was to automate the retrieval of specific PDFs from email, validate them against predefined criteria, and extract data from their unstructured content into processing government bills. Upon successful extraction, the data is stored in a database and can be exported to Excel. Additionally, the frontend interface allows users to upload their own PDFs, which are similarly processed to extract relevant information. At the same time, I have made an app using Java for this project.

Food App

I have made this app for the hackathon. Developed an Android-based Food App in Android Studio using Java/Kotlin for seamless food ordering and the delivery. Integrated APIs for real-time restaurant data, user authentication and secure payment processing. Designed dynamic UI with features like menu search, user reviews, and order tracking. Used Firebase for real-time database management and push notifications. Ensured app responsiveness and scalability through rigorous testing and debugging.

SMART EDUCATION

Developed an AI-powered, accessible reading assistant designed to enhance the learning experience for students with dyslexia. The tool offers a customizable reading environment with personalized font styles, spacing, and background color adjustments to improve readability. It integrates real-time Text-to-Speech (TTS) functionality with synchronized word highlighting to aid word recognition and includes an interactive word breakdown feature to help students decode challenging words into syllables or phonetic components. The assistant provides an in-context dictionary with visual aids such as images or videos to simplify complex terms and improve comprehension. AI-driven personalization automatically adjusts settings like font size, reading speed, and background colors based on individual progress and reading patterns. Additional features include interactive comprehension quizzes, AI-generated summaries, and a speech-to-text capability that allows students to verbally summarize materials, addressing writing difficulties. This project significantly improves accessibility, engagement, and comprehension for students with dyslexia.

ACHIEVEMENTS & AWARDS

- ✓ paper presentation in Chennai institute of technology
- ✓ npTEL (internet of things course), npTEL (block chain)
- ✓ geeks for geeks (cloud computing course)
- ✓ html, css, js (devstowen bootcamp)
- ✓ swift-a-thon (First Prize) held in sairam engineering college
- ✓ codecraft (First prize) held in sairam engineering college
- ✓ Mechatron (Runner) held in rajalakshmi engineering college
- ✓ Paper presentation (First prize) in sairam engineering college
- ✓ hack hustle (special prize) in saveetha engineering college