

DEEPAKRAJ K

Software Engineer

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SKILLS

Hard Skills : Engineering • Software Design and Development • C/C++ • Java • Python • JavaScript • HTML • CSS • Ethical Hacking • Networking • Cloud computing • UI path Automation • Testing • Docker • Kubernetes • CI/CD • Agile

Soft Skills : Communication • Analytics • Problem Solving • Conflict Resolution • Leadership

EDUCATION

Rajalakshmi Engineering College

Chennai, Tamil Nadu, India

[May 2024]

Bachelor of Engineering

Computer Science and Engineering

CGPA: 9.51/10

Relevant coursework: Software Engineering • Certified Ethical Hacker (CEH) • Google Cloud Fundamentals • Computer Networks • Programming in C, Python, Java, JavaScript

Chinmaya Vidyalaya Higher Secondary School

Chennai, Tamil Nadu, India

[March 2020]

Percentage : 91.5%

UNIVERSITY PROJECTS

Integrated Authentication System

- Developed an Integrated Authentication System along with a Banking Application to improve the security of the overall system.
- Applied innovative authentication techniques including Face Recognition, AR integrated mobile application and mouse movement based behavioural profiling
- Utilised Python, HTML, CSS and ML/DL techniques.

Mood Based Music Recommender

- Developed a mood-based music recommendation app utilising the Spotify API, CNN, and OpenCV to accurately analyse live webcam feeds and provide personalised song recommendations based on user mood.
- Successfully integrated the Spotify API, allowing the app to fetch and present more than 20 songs to users, expanding their music discovery options and enhancing the overall user experience.

Dietician Website

- Developed a beginner-friendly web application that utilises machine learning techniques in Python to provide personalised diet information based on user input.
- Integrated interactive graphs connected to a MongoDB database, enabling users to visualise their

dietary data. Implemented HTML, CSS, Node.js and Python (Scikit-learn and Tensorflow) to create a seamless user experience.

ACTIVITIES

ACM REC Student's Chapter Chairman

Successfully organised multiple conferences as the acting representative of the Association for Computing Machinery (ACM)

BOOT UP 24 Organiser

Served as a core member of a national-level symposium organised by our department, managing an event with over 150 participants,

CERTIFICATIONS

Certified Ethical Hacking - EC Council.

Digital Marketing - HCL Solutions.

Google Cloud Fundamentals - Google.

UiPath Robotics Automation - UI Path Academy

ADDITIONAL

Language Skills: English • Tamil • Hindi

Interests/Hobbies: Reading Books • Chess

• Software Development • Open-source contribution • R&D