KOTTAKOTA MAHESH KUMAR

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I am an undergraduate student, currently pursuing my B.Tech. I am an Enthusiastic, Self-Motivated and Dedicated person.I am a mature team worker and adaptable to all challenging situations. Iam able to work well in both the team environment as well as on my own.

EDUCATION

2020–2024|KESHAVMEMORIALINSTITUTEOFTECHNOLOGY

• *B.Tech|ComputerScienceandEngineering:9.4CGPA*

2018-2020|SRISANJEEVNIJR.COLLEGE

• *Intermediate|percentage–97.5%*

2018|BRILLIANTGRAMMARHIGHSCHOOL

• *SSCBoard|CGPA:10*

Work Experience

Micron Technology

Intern - Full stack developer | JAN2024-Present

• Working on real-time web applications that can help the semiconductor chips to engage their targets using the tech stack like Angular, .net, C# , MongoDB, SQL , team city, Octopus, etc.

DIGITALCLINICS

Intern–ResearchSoftwareEngineer|AUG2023-DEC2023

• I had the privilege to contribute to a groundbreaking project at the intersection of healthcare, technology, and AI. During mytenure , I played a pivotal role in advancing the capabilities of our platform by integrating cutting-edge AI models within a full-stack framework, focusing on the critical area of Breast Cancer diagnosis and treatment.

INTERNATIONALFINISHINGSCHOOL|KMIT

Intern–Teaching Assistant| JUN–AUG,2022

• We Introduced Students to python programming, AI-ML andIOT.

• WehelpedtheminDebuggingtheircodeandprovideanErrorlesscodeduringProgramming.

• Assisted Students to do casestudy on projects like Covidanalysis, Temperature detecting using Micro-Python Programming etc.

SKILLS

• **ProgrammingLanguages:**C|C++|Python|Java|JavaScript

• **Databases:**MongoDB|MySQL|Firebase

• **Others:**HTML|CSS|BOOTSTRAP|MERNSTACK|REACT-NATIVE |ANGULAR|AI-ML|DSA|ComputerNetworks|DevOps

PROJECTS

• **NETWORKINTRUSIONDETECTIONSYSTEM:**

Duration:Sept–Oct,2022

Developed arobustMulti-classNetwork Intrusion Detection System(NIDS) to detect potential attacks on ourwebsite

using the NSL-KDD dataset. This system leverages machine learning concepts implemented in Python and integrates seamlessly with the ReactJS, Firebase and Flask for efficient data management and user authentication. This analysing network traffic data and categorizing it in to different attack classes or normal traffic.The attack classes include Denial of Service (DoS), User to Root (U2R), Remote to Local (R2L), and Probing (PROBE).

• **CRYPTO-EXPLORER:**

Duration: *Jan–Feb,2023*
Developed a comprehensive web application that offers real-time monitoring and provides essential details of specific cryptocurrencies, including their ranks, prices, and other relevant statistics. The application boasts a user-friendly interface and has been built using React.js for the front-end development, Firebase for data management, and Ajax for seamless data retrieval. Additionally, the app features robust authentication capabilities to ensure secure access for users.

• **BLIGHT-VISION**:

Duration:*March–April,2023*
Developed machine learning-based web application that focuses on detecting the presence of lateblightorearlyblight on potato leaves, which are major causes of crop damage. This application aims to assist farmers in identifying blight and providing them with recommendations for appropriate precautions and pesticides to mitigate the issue and protect their crops, thereby increasing their yields. The application has been developed using AI/ML concepts, Flask and ReactJS for the front-end development and Firebase for data management.

• **MiniProjects:**

Restaurant-SearchMobileApp,Medi-MateApp,WIT-AIBot,Smart-Scheduler,Covid-19Analysis,FireAlarm, Scientific Calculator, Rock Paper Scissors, Tic-Tac-Toe, Contact Book.

CO-CURRICULARACTIVITIES
• TIH2023ExhibitoratIITKanpur(NMICPS)asanAI&WebdeveloperfromDigitalClinics.
• QualifiedtorepresentthecollegeforparticipationinSmartIndiaHackathon2022.
• WinnerofNFSCompetitionforthetwiceConductedbyKMIT.

EXTRA-CURRICULARACTIVITIES
• Hobbies are Coding, playing cricket,watchingMovies, Editingetc.
• Active in GitHub, LeetCode, HackerRank etc Coding Platforms.