ABHEEK SPANDAN

Software Developer

+91 6397514762 · barmanabheek@gmail.com · portfolio-website · LinkedIn · | Github | GFG · Kota

SUMMARY

A dedicated and passionate software intern with experience in developing systems that improve efficiency and security. My academic background in Computer Science and practical experiences have equipped me with strong programming skills and a solid understanding of data analysis. I thrive in team environments and enjoy tackling challenging projects that make a positive impact.

INDUSTRIAL EXPERIENCE

Client Server Model for Civil ATC
Bharat Electronics Limited
BHARAT ELECTRONICS LIMITED PVT. LIMITED
05/2024 - 07/2024

A leading electronics company specializing in defense and aerospace electronics

- Designed and Implemented an SNMP Agent using MIBs to broadcast system vitals like CPU utilization, memory capacity, and device status, enhancing network administrators' diagnostic capabilities by 60% and decreasing downtime.
- Implemented SNMP v3 for secure communication, configured and tested the system with AES encryption and SHA-based authentication to meet the security requirements.
- Developed features to query SNMP agents, process responses, and handle SNMP traps for real-time alert management and monitoring.

EDUCATION

Bachelor in CSE
Kota, India
Indian Institute of Information Technology, CGPA 7.24/10.0
08/2021 - 05/2025

Senior Secondary Education
Kotdwar, India
D.A.V Public School, Kotdwara, Percentage 93.8/100
04/2019 - 03/2020

High School Education
Kotdwar, India
R.P Public School, Telipara, Percentage 91.4/100
04/2017 - 03/2018

LANGUAGES

Python (Intermediate)   C++ (Advanced)   HTML/CSS/JavaScript (Proficient)

SKILLS

ReactJS, NodeJS, mySQL, Firebase, GitHub, JWT, Linux, MongoDB, Data Visualization in MatplotLib, NumPy, OOPs, Pandas, Python, SNMP, Tableau, TensorFlow, AES Encryption

PROJECTS

Fake News Detector
01/2024 - 03/2024

- Developed a Machine Learning project using Python and TensorFlow to detect fake news from datasets of fake news articles on labelled and unlabeled datasets, achieving 88% accuracy in detection.

Community Issues and Solution Platform
05/2023 - 07/2023

Project link:https://github.com/abheekspandan/community_issues_platform
A web app for reporting local issues and enabling real-time updates by administrators.

- Implemented user authentication for both users and administrators using a JWT-based login/authorization system.
- Designed a dashboard to display issues sorted by maximum votes received
- Added functionality for users to update their account credentials, enhancing security and personalization

A.L.I.C.E
01/2023 - 06/2023

Project Link:https://github.com/abheekspandan/A.L.I.C.E
An interactive AI assistant capable of understanding and responding to user queries verbally

- Developed a voice-controlled AI assistant using AI/ML to simulate human-like conversations.
- Integrated predefined conversational rules and speech recognition for user input and text-to-speech (TTS) for voice responses

EXTRA-CURRICULAR

"Assistant Secretary – Paryavaran Shakti Club"

Actively engage in environmental initiatives and hackathons, showcasing commitment to technology and community

Rank at GFG

Achieved top 150 ranking among all students at my institute on GeeksForGeeks coding platform