

ABIN ALIAS

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 Abin Alias

Objective

Aspiring to be a Software Developer with a strong foundation in programming and problem-solving, dedicated to creating innovative and efficient software solutions that drive business success. Passionate about continuous learning and professional development, while collaborating effectively within dynamic team environments. Seeking an entry-level position to enhance my skills and contribute to impactful projects in the technology industry.

Experience

- Design Direct UK** January 9 - June 30
AI/ML intern
Gained hands-on experience in AI, Machine Learning, and software development. Skills will be developed in prediction algorithms, natural language processing (NLP), and large language models (LLMs) while collaborating with a global team.

Education

- College of Engineering Adoor** 2021-2025
Computer Science Engineering
- MKM Higher Secondary School, Piravom** 2021
XII Computer Science

Skills

- C , C++
- Python
- JavaScript
- Java
- HTML
- SQL
- Operating Systems: Linux, Windows, Android
- Tools and Technologies: CSS, Bootstrap, GPT-based tools, VS Code, Replit, Requests, Playwright
- Other: Computer Engineering, Web Scrapping, Software Development, Prompt Engineering, Kernel Development, Good understanding of OS and Data Structures, Creative, Self-Driven, Problem-solving and Analytical Thinking, Innovation, Team Collaboration and Communication.

Projects

- TTS Website -Text To Speech Converter**
The website lets users turn written text into high-quality audio with customizable voices, accents, and pitches. Users can adjust the speed and pitch, and then export the audio as an MP3 file for various uses. It's great for content creators, educators, or anyone wanting to make written content more engaging.-HTML, CSS, JavaScript, Bootstrap
- CIPHERHAWK : A WEBAPPLICATION TESTING FRAMEWORK**
Developed CipherHawk, a web application security testing framework for automated vulnerability assessment.Implemented modules to detect common web vulnerabilities including SQL Injection, Cross-Site Scripting (XSS), Open Redirection, and Local File Inclusion (LFI). Utilized automated security scanning tools to identify and report threats in web applications

Position Of Responsibility

- **IEEE Activity Coordinator**
Activity Coordinator of IEEE Student Branch College of Engineering Adoor
- **NSS Media and Publicity Head**
Media and Publicity Head of NSS at the College of Engineering Adoor

Workshops

- **Python and Machine Learning by ReverTech**
A Python and Machine Learning internship provides practical experience in creating AI models with Python. Interns engage in real-world projects, gaining knowledge in areas such as data manipulation, model development, and deployment using tools like Scikit-learn and TensorFlow, equipping them for careers in data science and AI.
June 2023
- **Full Stack Development by PACELAB**
Gained practical experience with front-end technologies like HTML, CSS, JavaScript, and frameworks such as React.js, improving my skills in developing dynamic and responsive web interfaces. Developed strong proficiency in back-end development using Node.js and database management with MongoDB, allowing me to create and sustain robust full-stack applications.
June 2022
- **Self Driving Cars by Techmaghi**
Engaged in hands-on sessions focused on designing and simulating self-driving car systems, covering sensor integration, environment perception, and decision-making algorithms. Gained a thorough understanding of the application of artificial intelligence and machine learning in autonomous vehicles, with an emphasis on object detection, path planning, and real-time data processing techniques.
January 2023

Achievements

- **Academic Achievement**
Certified on C Programming from NPTEL
Certified on Deep Learning for Computer Vision