

Arvil Nath Akash

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| [in /arvilnath](#) | [🔗 arvilnath-portfolio.vercel.app](#)



SUMMARY

A Computer Science and Engineering graduate with a strong and clear desire to learn. Motivated to contribute to team-based projects, improve technical skills, and develop as an individual within an organizational environment.

SKILLS

Programming Languages: C/C++, JavaScript, Python

Backend: Django, RESTful API

Tools: GitHub, Figma, BurpSuite, Flask, Wireshark

Others: Team Collaboration, Debugging

PUBLICATIONS

- **A Theoretical Framework for Decentralized Intrusion Detection in Smart Networks Using Blockchain and Machine Learning**
Conference Paper, 2025
Proposed a decentralized intrusion detection framework combining blockchain and machine learning to enhance security and trust in smart networks.
[ResearchGate ↗](#)
- **IoT-Based Smart Insole with Sensor for Testing Leg Tissue and Skin**
Conference Paper, 2025
Designed an IoT-based smart insole system using sensors to monitor leg tissue and skin conditions for healthcare applications.
[ResearchGate ↗](#)

EDUCATION

Independent University, Bangladesh
Bachelor of Science in Computer Science and Engineering

Spring 2021 – Summer 2024

CGPA: 3.14/4

Relevant Coursework: OOP, Databases, Discrete Math, DSA, Operating Systems, Computer Networks, Image Processing, Web Application & Internet, Mobile Application Development

CERTIFICATION

CCNA: Introduction to Networks
Cisco Networking Academy

May 2023 [Certificate Link ↗](#)

Diploma in Cyber Security - Online
Arena Web Security

Ongoing