Arvil Nath Akash
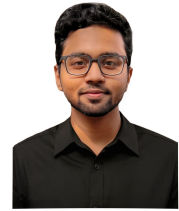
Dhaka, Bangladesh | +8801622722639 | arvilnath@gmail.com

| in /arvilnath | arvilnath-portfolio.vercel.app

SUMMARY

I am looking for a very interesting and fulfilling career prospect in computer science and engineering that will permit me to use my skills, talents, and learning experiences for purposes of developing my career while assisting the success of the company.

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 *Spring 2021 – Summer 2024*
Bachelor of Science in Computer Science and Engineering **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 *May 2023* Certificate Link ↗
Cisco Networking Academy

Diploma in Cyber Security - Online *Ongoing*
Arena Web Security