

ANKUSH KUMAR GUPTA

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GitHub | LeetCode | LinkedIn | CodeChef



EDUCATION

National Institute of Technology Calicut

Computer Science and Engineering, M.Tech

Kozhikode, Kerala

August 2025 - Present

Assam University Silchar

Computer Science and Engineering, B.Tech

CGPA: 8.06

Silchar, Assam

August 2019 - July 2023

Senior Secondary High School Kalyanpur

Science, Intermediate

Percentage: 79.4%

Gopalganj, Bihar

March 2017 - April 2019

High School Kalyanpur

Matric

Percentage: 84.2%

Gopalganj, Bihar

March 2016 - Feb 2017

EXPERIENCE

NTT Data | Security Managed Services Engineer (L1)

Gurugram | July 2024 - June 2025

- Configured and troubleshoot OSPF, EIGRP, and BGP routing protocols in multi-VRF environments.
- Configured Aruba ClearPass for 802.1X authentication using RADIUS and TACACS+.
- Integrated Aruba NAC with Active Directory (AD) for user-based policy enforcement.
- Implemented MAC authentication bypass (MAB) and posture assessment policies.
- Troubleshoot authentication failures using syslogs, debug commands, and packet captures.
- Familiar with IP addressing, subnetting, NAT, and DHCP.

INTERNSHIP

Emertxe | IOT and Embedded System

Remote | June 2022 - August 2022

- Foundational Programming Skills in C and Micro-Controllers.
- SDLC Based Project Building in IoT.

Technex IIT BHU | Web Development Intern

Remote | June 2022 - August 2022

- Developed web projects utilizing HTML, CSS, and JavaScript.
- Proficient in front-end web development, including HTML, CSS, and JavaScript.

SKILLS

Programming Languages: C, C++, JavaScript, TypeScript

Libraries/Frameworks: React.js, Node.js

Tools / Platforms: VS Code, Eclipse, Sublime Text, GitHub

Databases: MySQL, MongoDB

PROJECTS / OPEN-SOURCE

Interactive Algorithm Visualizer | [Link](#)

React, TypeScript, Vite, Tailwind CSS

- Built an interactive web app to visualize sorting and pathfinding algorithms.
- Designed a responsive UI using React components and TailwindCSS.
- Visualized algorithms using dynamic bar graphs and grid-based animations.

Admin-User Login System | Link*Java, Spring Boot, MySQL, REST API*

- Developed a full-stack app with user registration and authentication.
- Implemented role-based access control (RBAC) using Spring Security.

Network Topology Analysis and Routing Algorithms*C++, Computer Networks, Data Structures*

- Researched 2D and 3D tree topologies in network design.
- Optimized data flow and communication paths.

CERTIFICATIONS

- Introduction to Algorithms and Analysis – NPTEL
- Cisco Certified Network Associate (CCNA) – Cisco
- Cisco Certified Technician (CCT) – Cisco

HONORS & AWARDS

- GATE 2025 Qualified in Computer Science and Information Technology (AIR 3255)