

Aman Singh Bisht

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Education

NATIONAL INSTITUTE OF TECHNOLOGY (NIT), SRINAGAR

BTECH IN ELECTRONICS & COMMUNICATION ENGINEERING
📅 July 2024 📍 Srinagar, J&K
CGPA: 7.776 / 10 (Present)

DAV FERTILIZER PUBLIC SCHOOL

HIGHER SECONDARY (PCM & CS)
📅 May 2019 📍 Babrala, UP
Percentage: 92.40 %

TATA CHEM DAV PUBLIC SCHOOL

SECONDARY SCHOOL (CBSE BOARD)
📅 June 2017 📍 Babrala, UP
CGPA: 10 / 10

Links

🔗 GitHub **amansinghbisht029**
🔗 LinkedIn **Aman Singh Bisht**

Coursework

Advanced Programming (OOPS)
Data Structures & Algorithms
Operating System
Database Management System
Data Communications & Networking
Computer Organization & Architecture
System Design 🔗
Full Stack Web Development 🔗
Machine Learning 🔗

Skills

LANGUAGES

• C / C++ • Java • Python • JavaScript •
HTML / CSS • SQL • VHDL

LIBRARIES / FRAMEWORKS

• Bootstrap • Tailwind CSS • React •
NodeJS • ExpressJS • JavaFX • SciPy •
NumPy • Matplotlib • Pandas

DATABASES

• MySQL • PostgreSQL • MongoDB •
Oracle

TOOLS / PLATFORMS

• VS Code • IntelliJ IDEA • Jupyter
Notepad • Git & GitHub • Postman •
Vivado • LTspice

MISCELLANEOUS / HOBBIES

• Reading Novels • Meditation •
Competitive Programming • Touch
typing • Power Lifting • Playing Guitar

Experience

INTERN TRAINEE

BHARAT ELECTRONICS LIMITED

📅 Jan 2023 – Feb 2023

📍 Kotdwara, Uttarakhand

- Designed & developed a Client/Server based Chat Application & Voice Recording Application for IACCS-VCCS Project and also worked on its database - Java, JavaFX, Socket Programming, PostgreSQL.
- Tested 24 Port Non-PoE L2/L3 Switch using Wireshark & PuTTY by monitoring & analyzing various network protocols and programmed STM32 Microcontroller of MFRS Project using C language.

Projects

SEMICOLON CODING CLUB WEBSITE 🔗

HTML | CSS | JAVASCRIPT | REACT | GIT & GITHUB | HOSTING

- Successfully designed, developed and deployed Semicolon Website on NIT Srinagar official domain, created in a team of 9 members.

BAZAAR - A MODERN SHOPPING WEB APPLICATION 🔗 🔗

REACT | TAILWINDCSS | REDUX | EXPRESSJS | STRIPE | FIREBASE

- Fully Functional E-Commerce Website with dynamic Store creation, seamless CRUD operations, Google authentication, and integrated Stripe Payment Gateway for secure checkout.

JOB PORTAL APPLICATION 🔗 🔗

NODEJS | EXPRESSJS | MONGODB | SWAGGER | POSTMAN

- Highly secure Job Portal with REST API Architecture, MVC Design Pattern, Statistical Analysis, and advanced filtering options.

MOVIE RECOMMENDATION SYSTEM 🔗

COSINE SIMILARITY | STREAMLIT | PICKLE | PANDAS | NLTK | AST

- ML based Movie Recommender, modeled on TMDB dataset.

Position of Responsibility

TECHNICAL TEAM LEAD

SEMICOLON CODING CLUB

📅 Sept 2022 – Present

📍 Srinagar, J&K

Organized and conducted webinars, **contests**, events, activities, hackathons (e.g., **TECHSAPIENS1.0**, ANIMIEA), and developed **Semicolon** Website.

INTERNSHIP COORDINATOR

DEPARTMENT OF TRAINING & PLACEMENT

📅 Oct 2022 – Apr 2023

📍 Srinagar, J&K

Engaged with education staff, HR managers (25+ companies), supported 100+ NIT Srinagar students with feedback & resources.

Honors & Awards

- Highest rating on CodeChef: 1990 (4 Star) 🔗
- Highest rating on Codeforces: 1144 🔗
- AIR 415 & College Rank 4 in **CODEKAZE**-2023 among 130K+ students. 🔗
- UPSTSE Scholar 2016-17 (State-Level).
- 2nd in Computer Science and 3rd in Chemistry in VAIGYANIKA-2017 Competition (National-Level).
- Gold medalist in Mathematics Olympiad (School-Level) and 2 times winner of Ramanujan Competition (District-Level).
- NCC 'A' certificate holder (School-Level).
- Gold Medalist in Shot Put (Collegiate-Level) and Silver Medalist in Discus Throw (State-Level).