

ARYAN KUMAR SHAW

Kolkata, India | P: +91 9804398182 | proaryans983@gmail.com
[LinkedIn](#) | [GitHub](#)

SUMMARY

Enthusiastic Computer Science undergraduate with hands-on experience in data structures, full-stack development, and cloud infrastructure (AWS & Azure). Built scalable projects, contributed to national-level hackathons, and actively share technical insights with the developer community on LinkedIn. Passionate about continuous learning and impactful innovation.

EDUCATION

TECHNO MAIN SALT LAKE B.Tech in Computer Science and Business Systems Cumulative GPA: 7.73	Salt Lake, Kolkata 2022 - 2026
HARIYANA VIDYA MANDIR Senior Secondary Education AISSCE – 90.33%	Salt Lake, Kolkata 2022
Secondary Education AISSE – 89.5%	2020

SKILLS & TECHNOLOGY

- **Languages:** C, C++
- **Frontend:** HTML, CSS, JavaScript, React.js
- **Backend:** Node.js, Express.js, RESTful APIs, JWT
- **Databases:** MySQL, MongoDB, Oracle SQL
- **Cloud/Deployment:** AWS (EC2, S3, Lambda, IAM, VPC, CloudWatch, Elastic Load Balancers), Nginx, Azure
- **Serverless:** Render, Vercel, Netlify
- **Tools & Technology:** Git & GitHub, Postman
- **Concepts:** DSA, OOP, Computer Networks

PROJECTS

- Cyber Café Portfolio Website with Admin Panel - [Link](#)** March 2025
Tech Stack: MongoDB, Express.js, React, JWT, Zod, Bcrypt, Mongoose, Vercel, Render, MERN
- Developed a **full-stack cyber cafe website** with secure **JWT authentication** and **Zod-based validation**.
 - Designed and integrated an **admin dashboard** for **real-time user management** and **service monitoring**.
 - Structured with **Mongoose** and deployed with a clean, production-ready UI on **Vercel** and backend on **Render**.
- Ashok Vatika – Virtual Herbal Garden – [Link](#)** April 2024
Tech Stack: HTML, CSS, JS, Netlify, Three.js
- Built an interactive 3D herbal exploration app using **Three.js** with features like **search**, **bookmark**, and **Virtual Tours**.
 - Deployed via **Netlify** as part of **Smart India Hackathon**.

WORK EXPERIENCE

- Virtual Internship – Full Stack Web Development – AICTE-Eduskills** April 2024 – June 2024
- Focused on building full-stack web apps with **React**, **Node.js**, **Express**, and **MongoDB**.
 - Gained hands-on experience in **REST APIs**, **authentication**, and **Git-based version control**.
- AWS Intern – Externs Club (Remote) - [Report](#)** Jan 2025 – Mar 2025
- Built a secure AWS cloud environment using **Bastion Host**, **Load Balancers**, **Lambda**, **IAM**, and custom **subnet** configurations.
 - Configured **VPC Peering** and collaborated on deployment pipelines using **EC2**, **S3**, and **CloudWatch**.

ACHIEVEMENTS

- Solved **100+ DSA problems** on **LeetCode** and **GeeksforGeeks**
- Finalist – **Smart Bengal Hackathon 2024**