ARYAN KUMAR SHAW

Kolkata, India | P: +91 9804398182 | **proaryans983@gmail.com**
LinkedIn | **GitHub** | **Portfolio**

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 SALTLAKE   Salt Lake, Kolkata
B.Tech in Computer Science and Business Systems   2022 - 2026
Cumulative GPA: 7.73

HARIYANA VIDYA MANDIR   Salt Lake, Kolkata
Senior Secondary Education   2022
AISSCE – 90.33%
Secondary Education   2020
AISSE – 89.5%

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, IAM, VPC, CloudWatch, Elastic Load Balancers), Nginx, Azure
- **Serverless:** Render, Vercel, Netlify
- **Tools & Technology:** Git & GitHub, Postman, GenAI (Google Generative AI)
- **Concepts:** DSA, OOP, Computer Networks

PROJECTS

Q-Stack AI – AI-Powered Interview Prep Platform - Link   March 2025
Tech Stack*:* **Node.js, Express.js, MongoDB, Mongoose, JWT, React, Tailwind CSS, Google GenAI, Vercel, Render**
- Built a **full-stack web app** for **AI-generated interview questions**, **concept explanations**, and **session management**.
- Implemented secure **JWT authentication**, **file uploads**, and **profile management** with **MongoDB and Mongoose**.
- Delivered a **responsive**, **interactive frontend** with **React and Tailwind CSS**, deployed on **Vercel** with backend services 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 **smart 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) - **Certificate**   Jan 2025 – Mar 2025
- Designed and deployed a **secure 3-tier AWS architecture** using **VPC with custom subnets, Bastion Host, IAM policies, and Load Balancers** for controlled access and scalability.
- Configured **VPC Peering** and collaborated on deployment pipelines using **EC2**, **S3**, and **CloudWatch**.

ACHIEVEMENTS

- Solved **150+ DSA problems** on **LeetCode** and **GeeksforGeeks**
- Finalist – **Smart Bengal Hackathon 2024**