

AARYAN ANIL KUMAR SINGH

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Education

B.Tech in Computer Science

Indian Institute of Information Technology, Kota

Nov. 2022 – Ongoing

Kota, Rajasthan

CGPA: 8.3

Relevant Coursework

- Data Structures
- Software Engineering
- Web Development
- Database Management
- Artificial Intelligence
- Operating Systems
- Object Oriented Design
- UI/UX Designing

Experience

Tech Intern at Bhejooo

June 2024- Till Date

- Prepared fallback mechanism to fetch pincodes, incase the main pincode API fails.
- Responsibility of Contributing and Handling the Backend of Bhejooo
- TechStack: MySQL, Git, Node.js, NestJS

Projects

Qissaa | React, Tailwind, Express, Node, MongoDB — Github

January 2024

- Constructed the Back End of a full stack social media application, targeted for LGBTQ+ community. Handled many key cases. Handled UI/UX Decisions. Co-Developed the UI/UX of the Platform.
- Spearheaded the implementation of JWT for secure user authentication, slashing login times by **50%** and enhancing system scalability by eliminating session management overhead.
- Implemented MongoDB with Mongoose for database management, leveraging object modeling and schema validation to ensure data integrity and flexibility; enhanced database interaction efficiency by **40%** and reduced query response time by **25%**
- Ensured data integrity and consistency by implementing Validator and Zod for input and schema validation; reduced user input errors by **45%** and improved data reliability by **30%**

Alumni Portal | React, Tailwind, Node, Express, MongoDB, Material UI — Github

December 2023

- Collaborated on the development of a full-stack web application utilizing React.js for the frontend and Node.js with Express.js for the backend, ensuring seamless integration and communication between the two layers.
- Developed RESTful API endpoints for efficient CRUD operations and real-time updates, integrating MongoDB with Mongoose ODM for scalable data persistence and integrity.
- Enforced user authentication and authorization mechanisms using JSON Web Tokens (JWT), ensuring secure access to application features and protecting sensitive user data..

Portfolio Website | React, Tailwind, EmailJS — Github

May 2024

- Implemented the design using Reactjs and Tailwind CSS. Used React-icons for the icons and React-toastify for toasts.
- Employed EmailJS to develop the contact form.

Technical Skills

Languages: C, C++, JavaScript, Python, Java, SQL

Developer Tools: VS Code, Postman, Google Cloud Platform, Replit, CodePen, Canva

Web Technologies: Reactjs, TailwindCSS, Material UI, Nodejs, Expressjs, MongoDB, Prisma

Achievements

Selected for Amazon ML Summer School 2024

250+ on LeetCode, LeetCode Rating: 1680, LeetCode Profile:// aaryan9

ICPC Mathura Kanpur Preliminary Contest, Country Rank: 513, College Rank:2

Leadership / Extracurricular

Team Green Campus Chapters IIIT KOTA

October 2023 – Present

SENIOR CONTENT TEAM MEMBER

Indian Institute of Information Technology, Kota

- Experienced lead content strategist at TGCC IIIT Kota, growing their socials by **70%**
- Proficient in content strategy for social media platforms and events, with expertise in creation and promotion.
- Managed the LinkedIn process, assisted in the soft onboarding process of new club members, providing them with guidance, resources, and feedback.