

Sarthak Yadav

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sarthakyadavv1@gmail.com

LinkedIn

Github

Leetcode

Portfolio

GeeksforGeeks

Education

Indian Institute of Information Technology, Kottayam

Bachelor of Technology - Computer Science and Engineering (GPA of 8.73 – Till)

Aug 2023 - May 2027

Kottayam, India

St. Peter's Sr. Sec. School, Etawah

Intermediate – CBSE Board (PCM – 98.66)

Apr 2020 - Mar 2022

Etawah, India

Technical Skills

Languages: C++, Python, JavaScript, TypeScript, Java, PHP

DataBases: MongoDB, PostgreSQL

Tools: Git/GitHub, Postman, Linux, Figma, VS Code, Canva

Frameworks/Libraries: React.js, Node.js, Express.js, Tailwind CSS, Radix UI, TensorFlow

Academic Courses: Data Structures, OS, DataBase Management, Computer Networks

Experience

VerveBridge

Full Stack Developer

July 2024 – August 2024

Delhi, Remote

- Engineered and deployed **RESTful APIs** for live real-world projects, significantly enhancing functionality and efficiency, while utilizing the **MERN stack**.
- Implemented containerization using **Docker** to streamline development, deployment, and scalability, leading to improved performance and operational efficiency.

IIT Bombay Entrepreneurship-cell

Campus Ambassador

July 2024 – December 2024

IIT Bombay

- Organized workshops and training sessions delivering helping budding entrepreneurs to connect with the e-cell and take their ideas to the next stage.

Projects

Well Being Portal / React.js, Node.js, Express.js, MongoDB / [GitHub](#) | [Drive](#) | [Site](#)

Present

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- Developing a comprehensive mental health support platform using **MERN** stack for 1200+ students, featuring AI-driven mood quick fixes and binaural beats, and hosting diverse blogs and articles to enhance mental well-being.
- Engineered **real-time chat** functionality with **Socket.io** and **Redis** for seamless user communication, ensuring robust performance and high availability through **Kubernetes orchestration**.

IIIT Kottayam Placement Portal / React.js, Express.js, Node.js, MongoDB/ [GitHub](#)

August – November 2024

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- Developed a comprehensive Placement Drive website for IIIT K using the **MERN** stack, facilitating seamless interaction between students and recruiting companies.
- Contributed to both frontend and backend development, enabling students to search and apply for campus drives, and allowing companies to create and manage recruitment events efficiently.

Achievements

- Achieved 3-star coder status on CodeChef with a peak rating of 1607, demonstrating strong problem-solving skills and consistent performance.
- Secured 2nd rank in my college during the ACM-ICPC Online Preliminary Round 2023, showcasing collaborative problem-solving and competitive programming excellence
- Solved **500+ coding problems** across platforms like Leetcode, GeeksforGeeks and codeforces.

Leadership

Training and Placement Cell | IIIT-K | *Coordinator*

June 2024 – Present

- Facilitated communication between recruiters and students, ensuring a seamless placement process and enhancing recruitment outcomes.
- Organized resume-building workshops and interview preparation sessions, improving students' employability skills and boosting placement success rates.

Betalabs | IIIT-K | *Sub-Lead*

August 2024 – Present

- Spearheaded web development projects, architecting and optimizing interactive platforms to enhance user engagement and functionality.
- Facilitated hands-on workshops and mentorship sessions, empowering students with in-depth knowledge of full-stack development and cutting-edge technologies.

Finance and E-cell of IIIT-K | *Sub-Lead*

August 2024 – Present

- Conducted workshops and interactive sessions on financial literacy, reaching over 1,000 students and enhancing their understanding of personal finance and investment strategies.
- Organized engaging online trading simulations and games, promoting practical learning and participation in financial markets.

MindQuest | Well Being Club of IIIT-K | *Sub-Lead*

August 2024 – Present

- Curated and facilitated structured well-being initiatives, organizing stress-relief and mindfulness sessions and activities to promote a healthier campus environment.
- Led outreach programs in various places like local schools, fostering mental well-being awareness through interactive sessions and engaging activities.