



Aayush Anand

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Education

Birla Institute of Technology, Mesra

2026

Bachelor of Technology in Computer Science (CGPA: 8.00 / 10.00)

Ranchi, Jharkhand

- **Relevant Coursework:** Data Structures and Algorithms, Database Management System, Operating Systems, Object-Oriented Programming

Delhi Public School

2022

All India Senior School Certificate Examination (Percentage: 92.60%)

Ranchi, Jharkhand

Delhi Public School

2020

All India Secondary School Examination (Percentage: 96.00%)

Ranchi, Jharkhand

Experience

Resolve Tech Solutions

May 2024 – July 2024

Software Engineering Intern

Bengaluru, Karnataka (Remote)

- Revamped critical components of **7Eleven's** web portal through React.js implementation, streamlining the user interface and subsequently increasing the average session duration to over 5 minutes for **10,000+** daily users.
- Collaborated with cross-functional teams to integrate APIs and ensure seamless data flow across the portal, improving data accuracy and system reliability by **25%**.
- Applied machine learning techniques to design predictive analytics solutions, resulting in actionable insights for clients and a **40%** increase in decision-making efficiency.
- Provided Python code for various machine learning models for use cases, contributing to a **35%** improvement in model accuracy and a **40%** reduction in development time.

Projects

Chat-a-BIT | HTML, Tailwind CSS, JavaScript, React, MongoDB, Express, Node.js, SocketIO, JWT, DaisyUI Link - GitHub

- Engineered a robust chatting platform for BIT Mesra students with real-time communication using Socket.IO and secure JWT authentication, ensuring efficient data handling and enhanced security with a dedicated login page.
- Built a fully responsive application across all devices, resulting in a **40%** increase in cross-platform compatibility and a **25%** boost in user interaction metrics through strategic performance improvements and UI enhancements.

Voyage Villas | HTML, CSS, JavaScript, MongoDB, Express, NodeJS, EJS, Passport

- Architected and executed the Voyage Villas travel booking website, achieving a **40%** boost in overall performance and slashing page load times by **50%** through advanced optimization techniques and responsive design practices.
- Implemented EJS for dynamic server-side rendering, boosting page load efficiency by **30%** and ensuring a smoother browsing experience across multiple devices through optimized rendering techniques and server-side improvements.

Technical & Interpersonal Skills

Languages: Java, Python, JavaScript, C++

Tools & Technologies: React.js, Node.js, TailwindCSS, Mongoose, Express.js, RestfulAPIs, APIs, Bootstrap, Git, GitHub, Linux, NumPy, Pandas

Concepts: Machine Learning, Linear Regression, Logistic Regression

Databases: MongoDB, SQL, PostgreSQL, MySQL, Oracle Database

Interpersonal: Leadership, Team Management, Critical Thinking, Problem Solving, Timely Communication

Achievements & Certifications

- AWS Certified Cloud Practitioner
- Runner-up in Data Hunt organised by the Society for Data Science
- Supervised Learning, Stanford University (Coursera)

Positions of Responsibility

Webmaster: Rotaract Club of BIT Mesra

Executive Member : Society for Data Science, BIT Mesra

Programming Team Member: Google Developer Student Clubs, BIT Mesra

Member: Student Alumni Relations Cell, BIT Mesra