

Aayush Anand

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Education

Birla Institute of Technology, Mesra <i>Bachelor of Technology in Computer Science (CGPA: 8.00 / 10.00)</i> • Relevant Coursework: Data Structures and Algorithms, Database Management System, Operating Systems, Object-Oriented Programming	2026 Ranchi, Jharkhand
Delhi Public School <i>All India Senior School Certificate Examination (Percentage: 92.60%)</i>	2022 Ranchi, Jharkhand
Delhi Public School <i>All India Secondary School Examination (Percentage: 96.00%)</i>	2020 Ranchi, Jharkhand

Experience

Resolve Tech Solutions <i>Software Engineering Intern</i> • 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.	May 2024 – July 2024 Bengaluru, Karnataka (Remote)
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Projects

Chat-a-BIT <i>HTML, Tailwind CSS, JavaScript, React, MongoDB, Express, Node.js, SocketIO, JWT, DaisyUI</i> 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 <i>HTML, CSS, JavaScript, MongoDB, Express, NodeJS, EJS, Passport</i> • 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