

EXPERIENCE

INDDEV <i>SDE Intern - Backend Lead</i>	(09/2024 - Present)
Remote	
<ul style="list-style-type: none">Architected React/Node.js applications with advanced caching and load balancing, achieving 30% faster response times.Orchestrated RESTful APIs integration for Vedic Astro, Paytm, and Woocommerce platforms with Brevo email service, achieving 95% delivery success rate.	
Centre for Development of Advanced Computing (C-DAC) <i>Virtual Security Intern</i>	(05/2024 - 06/2024)
Noida, India	
<ul style="list-style-type: none">Led comprehensive security assessments on 20+ systems utilizing Metasploit, Wireshark, and Burp Suite tools, reducing attack vectors by 30%.Authored and structured a comprehensive research report on 'File Upload Vulnerabilities,' detailing security risks, attack methods, and prevention techniques.	

EDUCATION

Indian Institute of Information Technology, Manipur <i>B.Tech in Computer Science Engineering</i>	(06/2025)
	CGPA: 9.29
Nalanda Academy Anantpura Kota (RAJ) <i>Central Board of Secondary Education (C.B.S.E.), Class XII</i>	(06/2021)
	Percentage: 86.8%
Atomic Energy Central School No 4, Rawatbhata (RAJ) <i>Central Board of Secondary Education (C.B.S.E.), Class X</i>	(06/2019)
	Percentage: 92.2%

PERSONAL PROJECTS

HandWrite2Type GitHub YouTube
<i>A full-stack MERN application with Flask backend APIs, generating personalized fonts in under 15 seconds.</i>
<ul style="list-style-type: none">Secured consistent performance with a remarkable 95% accuracy in creating customized fonts from handwritten inputs.Implemented document conversion with 99% accuracy, ensuring seamless PDF and Word format transitions.
Library Management System GitHub YouTube
<i>A library management system (a full-stack project using MERN) accomplished a 50% increase in efficiency.</i>
<ul style="list-style-type: none">Introduced automatic QR code generation for book copies, reducing the process time by 50%.Added automatic fine collection via UPI QR codes and a notification system for due dates within 5 days.Developed a system for the automatic generation of E-IDs & enabled book data extraction using ISBN with 80% accuracy.
Multilingual Dictionary GitHub
<i>A web application offering users word translations and definitions in 3-4 languages, enhancing multilingual accessibility.</i>
<ul style="list-style-type: none">Offered diverse interpretations in 3-4 languages, including synonyms, antonyms, and examples for a rich user experience.Gained 95% accuracy in displaying relevant images for user queries, highlighting strong search capabilities.

TECHNICAL SKILLS AND INTERESTS

Languages: C++, HTML5, CSS3, JavaScript, Python
Libraries: React.js, Python (OpenCV, NLTK, PyDub, etc.)
Technologies: MERN Stack, Web, AI & ML
Developer Tools: Node.js, VS Code, Git, GitHub, Docker, Postman
Frameworks: Bootstrap, Express.js, Next.js, Tkinter, Tailwind CSS
Cloud/Services: AWS, Render, Google Cloud, Vercel
Databases: MongoDB (document-oriented), MySQL (relational)

ACHIEVEMENTS

E-yantra (Semi Finals): Participation in the semi-finals of the E-yantra robotics competition.	(10/2022 - 07/2023)
NTSE (Stage-1 Qualified): Achieved a top 2,000 national rank in NCERT's NTSE.	(11/2020)
STSE (Top 90): Secured a position in the top 90 in the State Talent Search Examination.	(12/2020)