



GOUTAM KUMAR

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Experience

Web Developer Intern (Remote)

LaunchEd Global, Bangalore

June 2025 - Current

- Conducted research and analysis of frontend technologies to implement 10+ minor projects.
- Explored APIs, PHP, and backend tools, applying findings to client-focused solutions.
- Developing a responsive Anime Web Series Tracker Application, integrating data analysis for user trends.

VLSI Trainee (Remote)

Academy of Skill Development, Kolkata

April 2025 - May 2025

- Performed technical research in VLSI-based IC design, including schematic entry, simulation, and layout using industry-standard EDA tools.
- Analysed digital and analog circuits, enhancing skills in logic design, timing analysis, and verification.
- Developed and tested project-based VLSI modules, applying problem-solving and analytical thinking.

Projects

AniTrack - Anime and movies watchlist tracking and management website.

- Developed this Web Application using a React-based frontend (Vite) and a Node.js/Express backend.
- Integrated with Jikan API to fetch anime data in real-time and Implemented user authentication and authorization using JWT for secure login and session management.
- Designed backend services that use MongoDB for storing user data, preferences and Created environment-based configuration to support development environment and deployment.

3-to-8 Line Decoder(VHDL on FPGA)

- Designed and modeled using behavioral architecture in VHDL.
- Simulated and verified on EDA Playground, ensuring accurate waveform outputs.
- Deployed on Spartan-7 FPGA (Vivado), validating functionality via real-time data mapping.

Education

Heritage Institute of Technology, Kolkata

B.Tech, Electronics and Communication Engineering

Oct. 2022 - June 2026

CGPA: 6.9

+2 Barharwa High School, Barharwa

April 2021

- Intermediate Examination (JAC),
- Secondary Examination (JAC),

68.4%

90.2%

Skills

- **Coursework:** Data Structures & Algorithms | Object-Oriented Programming.
- **Programming and Web Technologies:** C++ | HTML | tailwind CSS | JavaScript | React.
- **Core Skills:** VLSI Principles | Circuit Analysis and Network Theory.
- **Soft Skills:** Communication | Analytical Thinking | Critical Reasoning | Problem-Solving | Team Collaboration.

Certifications

- **Cyber Job Simulator:** [Certificate](#)
- **Short Term Training Program on Cloud Computing Essentials with Google Cloud:** [Certificate](#)
- **AI for Engineers:** [Certificate](#)

Achievements & Extra Curricular

- Won 3rd Prize in Storytelling at BOITHOK'25 organised by Heritage Institute of Technology Kolkata.
- Awarded by District Collector for top ten highest marked students in the secondary examination.
- Selected twice for the National Merit Scholarship Examination.