

Ayush Khati

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Education

Siliguri Institute of Technology <i>Bachelor of Computer Applications</i>	<i>2023 – Present</i> CGPA: 7.98
Techno India Group Public School <i>Higher Secondary (XII) – PCM</i>	<i>2021 – 2023</i> Percentage: 60%
Techno India Group Public School <i>Secondary (X)</i>	<i>2021</i> Percentage: 68%

Experience

Junior Software Developer <i>Udeck Services (Remote / Bengaluru, India)</i>	<i>Sept 2025 – Present</i>
<ul style="list-style-type: none">Contributed to end-to-end development of a cloud-based SaaS platform for multi-tenant enterprise clients.Designed scalable RESTful APIs using Node.js and Express, implemented authentication via JWT and RBAC.Optimized PostgreSQL using indexing and query tuning for tenant-level data isolation.Containerized and deployed services using Docker, Kubernetes, and CI/CD with GitHub Actions and Terraform.Integrated background jobs with Redis + BullMQ, and monitoring with Prometheus and Grafana.	

Freelance Frontend Developer

Ayurvedic Wellness Brand (Remote)

Jan 2024 – Apr 2024

- Developed a responsive, SEO-optimized e-commerce frontend using **React.js** and **TailwindCSS**.

Projects

Fluentra – Language Exchange Platform

Live Demo | GitHub Repo

- Built a multilingual real-time platform for one-on-one/group video calls, chat, and friend requests.
- Implemented JWT authentication, Zustand state management, and WebRTC video streaming.

Stack: React.js, Node.js, MongoDB, Zustand, TailwindCSS, JWT, Stream API.

Real-Time Chat App – MERN + Socket.io

Live Demo | GitHub Repo

- Developed a real-time chat app with messaging, authentication, and online status using **Socket.io**.

Stack: React, Node.js, Express, MongoDB, Zustand.

Open Source Contributions

Contributor

GirlScript Summer of Code (GSSoC)

July 2025 – Present

- Contributed to open-source repositories by improving UI/UX and optimizing React/Node.js projects.
- Collaborated globally via GitHub to enhance documentation and project maintainability.

Technical Skills

Languages C, C++, JavaScript, Python, HTML, CSS

Frontend React.js, TailwindCSS, DaisyUI

Backend Node.js, Express.js, MongoDB, PostgreSQL

DevOps Docker, Kubernetes, Terraform, GitHub Actions, Render

Auth & APIs JWT, REST API, WebSocket, Socket.io

Tools Git, Postman, Redis, BullMQ, Prometheus, Grafana