

Ayush Khati

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Education

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

Experience

Junior Software Developer <i>Udeck Services (Remote / Bengaluru, India)</i>	Sept 2025 – Present
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- 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 <i>Ayurvedic Wellness Brand (Remote)</i>	Jan 2024 – Apr 2024
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- Developed a responsive, SEO-optimized e-commerce frontend using **React.js** and **TailwindCSS**.

Projects

Fluentra – Language Exchange Platform <i>Live Demo GitHub Repo</i>
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- 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 <i>Live Demo GitHub Repo</i>
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- 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 <i>GirlScript Summer of Code (GSSoC)</i>	July 2025 – Present
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- 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