

# Bicky Yadav

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## Skills

**Programming Languages:** JavaScript, TypeScript, python, SQL, HTML, CSS, C/C++

**Frontend Tools:** Next, React, Tailwind CSS

**Backend:** Node, Express.js, FastAPI, Pisma, ORM

**Database:** Redis, PostgreSQL

**DevOps and Tools :** Kubernetes, Docker, AWS, Azure

## Work Experience/Freelancing

### Full-stack Developer

- Developed and deployed multiple end-to-end web applications for clients, including e-commerce platforms and content management systems.
- Successfully implemented responsive user interfaces by converting Figma designs into code with pixel-perfect accuracy and attention to detail. RESTful APIs using Node.js and Express, integrating MongoDB and SQL databases to create robust backend services for client applications.
- Implemented user authentication, payment gateways, and third-party API integrations, resulting in comprehensive solutions that met all client requirements.
- Collaborated closely with clients throughout development cycles, incorporating feedback and making iterative improvements that led to high user satisfaction scores and positive testimonials.

## Project Work

### Chat-PDF: Live

- Developed an interactive PDF-based chat application utilizing OpenAI's Ada-002 for generating embeddings and Pinecone to store vector embeddings for fast document querying.
- Integrated OpenAI GPT-4 Turbo via Vercel AI SDK to generate intelligent responses based on user queries, enhancing document comprehension and interaction.
- Utilized AWS S3 for secure and scalable storage of uploaded PDF files, ensuring efficient file management and retrieval.
- Implemented Clerk for robust user authentication, providing seamless and secure access to the application.

### SiteWatch: Link

- Developed SiteWatch – a real-time web monitoring app tracking website latency and uptime/downtime.
- Implemented instant incident notifications, ensuring rapid user response to service disruptions.
- Built with distributed architecture featuring independent monitoring and analytics services. stack: Node.js, Express, NeonDB, Redis, Docker, Kubernetes, Azure, Resend.

### YouTube PlayList Total Time Count: Live

- Developed a full-stack web application using Next.js for a responsive and performant frontend and Node.js for a robust backend.
- Integrated with the YouTube Data API to fetch playlist and video metadata, including individual video durations.
- Implemented server-side logic to process video data, calculate the total playlist time, and present it in a user-friendly format. Utilized Next.js features like API routes to securely handle API calls, ensuring a seamless user experience.
- Engineered a practical tool to help users efficiently manage their viewing time by providing an accurate, real-time total duration for any YouTube playlist.

## Education

**Noida International University**

BTech in computer science

Oct 2022 - Present

**CGPA: 8.0**