Dibyajyoti Dey
Full Stack Web Developer

dibyajyoti49@outlook.com | https://github.com/MrF1yn | https://www.linkedin.com/in/dibyajyoti-dey-4652732a1
Siliguri, West Bengal, 734006, India | 8145874011

Innovative Full Stack Web Developer with expertise in web technologies and DevOps, known for high productivity and efficiency. Skilled in Problem Solving Skills, teamwork, and adaptability, which contribute to successful project outcomes and foster effective collaboration.

Work Experience

Full Stack Web Developer   Nov 2023 - Present
Google Developer Student Clubs KIIT Chapter | Bhubaneshwar

- Implemented an intuitive HTML Email Builder Web App utilizing SvelteKit and MongoDB, enhancing email customization for marketing agencies.
- Ranked within top 80 students out of 3000 participants in the Google Cloud AI Study Jam, showcasing proficiency in utilizing and implementing large language models on the vertex AI platform of Google Cloud.

Backend Developer   Nov 2023 - Present
Geeks For Geeks KIIT Chapter | Bhubaneshwar

- Developed and deployed a user-friendly REST API for the AI Traffic Management Project incorporating React/Next.js, Django MongoDB in TypeScript and Python with WebSockets on the Oracle Cloud Infrastructure which was able to to handle 4 video streams for each lane.
- Engineered a powerful backend REST API for scraping and monitoring coding events and hackathons on HackerRank, HackerEarth, and Devpost. Utilized TypeScript, Express.js, Selenium Web Driver, MongoDB, and Node.js capable of scraping 100 posts every second.

Backend Java Developer   Mar 2020 - Jul 2023
The Grid | Remote, India

- Developed minecraft server plugins for a large player base of 500+ players. Utilized spigot API, MySQL, Redis, and Java Netty Framework.
- Utilized Java Discord API, MySQL, and Redis to develop custom Discord Bots that streamlined user management and seamlessly connected minecraft server accounts with the organization's discord server.
- Managed deployment of several minecraft servers using BungeeCord Reverse Proxy for optimal load balancing.
- Configured Pterodactly, a server management console based on Docker Containers, for OVH Cloud Infrastructure with Ubuntu and Nginx.

Projects

VisualLinkX   Present

Created a web application designed for professionals with high-quality video and audio streaming. The project used LiveKitSDK, SvelteKit, TypeScript, Express.js, PostgreSQL, Socket.io, and Redis. Added features include admin privileges and invite links. Deployed the application using Docker on Oracle Cloud.

RTCT   Present

Contributed to a hackathon project developing a Real-Time Collaboration Tool with features like a document editor, drawing board, live chat, and video conferencing using technologies such as websockets, PostgreSQL, Prisma ORM, Socket.io, MongoDB, LiveKit, and Redis. Created an user requested on demand live VS Code server with dynamic domains and Nginx for remote coding. Developed a secure REST API with Express.js and JWT for data management and integrated everything with a React/Next.js frontend. Deployed the project using Vercel for the frontend and Oracle Cloud Infrastructure for the backend.

Core Skills

React.Js, Next.Js, SvelteKit, Redis, MongoDB, MySQL, SQLite, Express.js, Django Framework, WebSockets, Socket.io, WebRTC, Java, JavaScript, TypeScript, Python, Multithreading, Asynchronous Programming, Git, Docker, Nginx, Oracle Cloud Infrastructure, Google Cloud Platform, OVH Cloud, Attention To Detail, Verbal Communication, Responsiveness, Organizational, Project Management, Web Design, Back End Programming, CSS, Developing APIs, JavaScript Frameworks, Programming Languages, Website Architecture, Web Architecture, Designing Front End

Education

Kalinga Institute of Industrial Technology, Bhubaneshwar   Jul 2023 - Present

B. Tech(B.Eng) Electronics and Computer Science Engineering
GPA 8.5

Donbosco School, Siliguri   Feb 2023

ICSE/ISC, Higher Secondary school Certificate Science

Languages

Bengali *(fluent)*, **English** *(fluent)*, **Hindi** *(fluent)*

Awards

Achieved 4th Position out of 700 participants in Front End Battle' 2024 hosted by IIT   Jul 2024
Bhubaneshwar, 2024
IIT Bhubaneshwar

Top 10 Ranking in Prasunethon 2024 Hackathon out of 3000 teams.   Jul 2024
Prasunet Company