

SHIVAM KUMAR SHAW

FULLSTACK DEVELOPER

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Full-stack developer with hands-on experience in building GenAI tools, scalable web apps, and real-time systems. SDE Intern @GrowthPurple. Competitive Programmer CP Lead at GDGC AEC.

Education

Asansol Engineering College - Asansol <i>Bachelor of Technology in Computer Science & Engineering</i>	Sep 2022 - Jul 2026 CGPA: 7.52
J.K.R.R Hindi +2 High School - Dhanbad <i>Higher Secondary Education</i>	May 2020 - May 2022 Score: 90%
Swami Vivekananda School - Dhanbad <i>Secondary Education</i>	April 2018 - April 2020 Score: 77%

Skills

Languages : C/C++, PHP, SQL, HTML, CSS, **Javascript**, **Typescript**, **Python**
Tools : **Git**, **GitHub**, Vercel, VS Code, Postman, **Docker**
Technologies/Frameworks : **NextJs**, **ReactJs**, **NodeJs**, FastAPI, ExpressJs, Laravel, MySql, **MongoDB**.

Experience

GrowthPurple Technologies <i>SDE Intern (Remote)</i>	Aug 2024 - Present <i>Hyderabad, Telangana</i>
<ul style="list-style-type: none">* Engineered an event-driven automation system leveraging Django and React.js with efficient polling, reducing manual workflow interventions by 65% and enabling seamless trigger-action sequences for business processes.* Created PlutonAI 🗒️, a GenAI platform using Claude LLM to generate deployable React, Next.js, and Vue apps from prompts, rendered live via WebContainers; enabled users to create, preview, deploy, and monetize AI apps through a marketplace powered by PostgreSQL, CRON Jobs, and Dodo Payments.* Architected an AI-powered interview scheduler FirstRound 🗒️ with low-latency video streaming, neural ranking, NLP sentiment mining, Whisper auto-transcription, and dynamic BI dashboards, enhancing HR decision efficiency by 55%.	

Projects

AIQueryNet 🗒️ <i>Tech: Pinecone, OpenAI LLM, Python</i>	Mar 2025 - May 2025
<ul style="list-style-type: none">* Built AIQueryNet, a RAG-based system using Whisper, sentiment analysis, and Pinecone vector embeddings to convert natural language into accurate SQL queries with voice support.* Boosted query relevance and schema mapping using semantic search and intent-aware vector retrieval, enhancing user-database interaction.	
CodeGyaan 🗒️ <i>Techstack: React.js, Redux, Tailwind CSS, MongoDB, Node.js, Express.js</i>	Feb 2024 - July 2024
<ul style="list-style-type: none">* Developed a robust full-stack LMS enabling seamless student-instructor collaboration through an intuitive dashboard, enhancing learning efficiency by 85%.* Implemented CodeGyaan CourseBuilder, a backend-driven solution allowing instructors to create and publish courses efficiently, with a structured curriculum and video streaming support, enabling students to purchase courses seamlessly.* Integrated Razorpay for secure payment processing and optimized backend performance using Redux for efficient global state management, ensuring smooth data flow and improving system scalability.	
ChatApp 🗒️ <i>Techstack: PERN Stack, TypeScript, TailwindCSS, Socket.io, JWT, Zustand</i>	Jan 2024 - Feb 2024
<ul style="list-style-type: none">* Built a high-performance real-time chat app using the PERN stack with Socket.io, featuring seamless user presence, 99.9% uptime, and an intuitive UI backed by optimized global state via Zustand.* Engineered secure JWT-based auth with full data protection compliance, integrated robust error handling across frontend/backend, boosting system stability by 40% while maintaining a smooth user experience.	

Coursework and Achievements

- **Coursework Highlights:** Data Structures & Algorithms, Computer Networks, CN, OOPs, DBMS.
- **GDGC AEC CP Lead:** Selected after multiple competitive rounds; organized campus-wide CP contests, fostering a strong coding culture.
- **DSA Practice:** Solved 300+ problems on LeetCode and GeeksforGeeks, honing algorithmic thinking.