

AYUSH GUPTA

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EXPERIENCE

Blockhouse Labs

Full-stack developer Intern

Aug 2024 – Present

- Built highly scalable and optimized **React-TypeScript UI components** for the Hoodwinked Trades platform to manage hidden trading costs.
- Developed an **affiliate system**, enabling existing customers to invite new users and earn rewards.
- Integrated **Stripe** and implemented **backend logic to handle payments**, allowing users to subscribe, update, or change membership plans (Pro and Premium).
- Created **GitHub action pipelines** for building the project and performing linting checks using ESLint for each PR.
- Set up **email nurture** functionality for customer activation, using custom, automated emails sent at scheduled intervals.
- Migrated the Blockhouse and Hoodwinked codebases from **Mongoose to Prisma ORM** for enhanced type safety and maintainability.
- Developed a **suspicious login detection system**, which determines if any suspicious person is trying to access a user's account **based on previous login locations and devices**.

Actnable AI

Full-stack developer Intern

Apr 2024 – Aug 2024

- Built the end-to-end frontend using **React** and **Typescript** from scratch for Actnable language translation and qualitative analysis services. Developed Charts and Word cloud. Integrated APIs in an efficient manner keeping the project structure scalable and future proof.
- Managed the **Azure deployment** of both the frontend and backend repositories of the project. Wrote Github action pipeline for continuous integration and build check.

PROJECTS

[ex-chain-finance](#) **Next.js • LI.FI Protocol • Tailwind CSS • EmailJS**

- Developed a cross-chain crypto bridge and swap platform using Next.js, LI.FI Protocol, and Tailwind CSS, supporting over **15 blockchains** and **500+ tokens and coins**.
- Implemented the **LI.FI protocol SDK**, enhancing transaction security by 40% compared to previous solutions.
- Engineered an optimized and mobile responsive UI with Next.js and Tailwind CSS.

[StreamFlix](#) **Next.js • Typescript • TailwindCSS • PrismaDB • MongoDB**

- Built a full-stack streaming site using **Next.js**, enabling seamless movie streaming.
- Implemented **Email, Google, and GitHub OAuth**, resulting in a 40% increase in sign-ups.
- Containerized** the application using **Docker**.
- Established backend using **PrismaDB** and **MongoDB** for data management.

[CryptoMart](#) **React • RapidAPI • Redux-toolkit • Ant-design • react-chartjs-2**

- Developed a feature-rich cryptocurrency tracking web application.
- Provides real-time price updates for up to **100 tokens and coins** from top exchanges using **RapidAPI**.
- Offers comprehensive historical price charts using **chartjs** for each cryptocurrency for in-depth analysis.

TECHNICAL SKILLS

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|------------------------------------|--|
| Languages: | C++ • Python • HTML • JavaScript • TypeScript |
| Frameworks & Libraries: | React • Next.js • Tailwind • shadcn/ui • Express.js |
| Databases: | MongoDB, Postgres |
| Development Tools: | Git/GitHub • VS Code |
| Cloud and DevOps: | AWS EC2, S3, CloudFront, Amplify, Azure, Docker, CI/CD Workflows |
| Others: | Node.js • API • Command-line Interface (CLI) • Prisma ORM |

ACHIEVEMENTS

- Achieved Level 4 Contributor Badge** in both Hacktoberfest 2022 and 2023 with **10+ open-source PRs merged**.
- 5 Stars in Problem Solving** and **C++** in Hackerrank.
- Solved over **200+ questions** on platforms like **GFG** and **Leetcode**.
- Winner** of open-source Hackathon **“Hacksquad”** among 700+ teams.

EDUCATION

Pranveer Singh Institute of Technology (2021-2025)

Bachelor of Technology – Computer Science (CGPA: 7.7)

Kanpur, Uttar Pradesh, India

6th Semester

K. R. Education Centre

CBSE Class 10th & 12th (10th Percentage: 86.6, 12th Percentage: 89.9)

Kanpur, Uttar Pradesh, India

2018 – 2020