Anish Shobith P S

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Skills

- **Languages:** JavaScript, TypeScript, Python, C, C++
- **Frontend:** React, Next.js, Astro, Tailwind CSS, Three.js, Framer Motion
- **Backend:** Node.js, Bun, Express.js, Hono, REST, GraphQL
- **Databases:** PostgreSQL, MySQL, SQLite, MongoDB, Prisma, Drizzle
- **Tools:** Git, Docker, Linux, CI/CD, CMake
- **Other:** Typst, LaTeX

Experience

SDE Intern, Zenduty (acq. by Xurrent) – Bengaluru, India   Feb 2025 – Nov 2025

- Delivered **core product features** and resolved **high-impact UI bugs**, improving reliability and user experience across the platform.
- Refactored **frontend architecture** to reduce component complexity, cutting maintenance overhead and accelerating cross-team delivery cycles.

Tech Intern, Headway – Mangaluru, India   Feb 2024 – May 2024

- Integrated a **secure payment gateway** and **RBAC system**, hardening user access control and protecting sensitive transaction data.
- Designed and shipped a **user-facing dashboard and landing page**, improving onboarding flow and driving measurable gains in engagement.

Projects

Tiara   git.new/tiaraweb

- *Technologies: Next.js, TypeScript, Next-Auth, Three.js, Framer Motion, Prisma, PostgreSQL*
- Built an **authentication flow** with session management, replacing anonymous access and enabling **role-based access control** via a database-driven system.
- Optimized the **email queue pipeline** for scalability, reducing processing bottlenecks for high-volume user registration events.

Codelyra   git.new/codelyra

- *Technologies: TypeScript, Discord.js, Docker*
- Engineered a Discord bot supporting **600+ programming languages** via sandboxed execution, enabling competitive programmers to run code directly in-chat.
- Boosted **user engagement by 20%** through interactive slash commands, live execution feedback, and syntax-highlighted responses.

Certificate Generator   git.new/gdsccert

- *Technologies: Python, Numpy, Pillow*
- Automated **personalised certificate generation** by dynamically composing recipient data onto predesigned templates, eliminating manual design effort.
- Exported certificates in **PDF format** with configurable themes, fonts, and layouts, enabling batch delivery at scale.

Sorting Algorithm Visualizer   git.new/sortalgviz

- *Technologies: C++, OpenGL, CMake*
- Built an **OpenGL-based visualizer** rendering four sorting algorithms step-by-step, making execution flow directly observable.
- Implemented **parallel execution support**, allowing side-by-side visual comparison of algorithm performance.

Education

B.E in Computer Science Engineering – St Joseph Engineering College   May 2024