Dikshant Solanki

Live Portfolio
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Location: Mumbai, India.

EDUCATION

- **Vidyavardhini's College of Engineering and Technology** — India
  Bachelor of Engineering in Instrumentation Engineering; CGPA - 8.11 — *July 2019 - June 2023*
  Courses: *Operating Systems, Data Structures, Networking, Databases, DevOps.*

SKILLS SUMMARY

- **Languages**: JavaScript, TypeScript, C++
- **Frameworks**: Node.js, Express.js, React.js, Next.js, Fastify
- **Libraries**: Redux, Tailwind CSS, Redis, JWT, Zustand
- **Tools**: Docker, TablePlus, PgAdmin4, Amplify, GitHub Actions
- **Platforms**: Azure DevOps, IIS, Web, Windows, Linux, AWS, GCP.

EXPERIENCE

- **Precize** — Mumbai
  SDE (Full-Time) — *October 2024 - Present*
  - **SSR implementation upgrade**: Led migration of 3 Next.js projects from v12 to v15, implementing SSR enhancements and optimizing performance for large-scale data visualization. Reduced FCP by 40% and LCP by 35%.
  - **Dashboard and portal development**: Developed 2 projects from scratch, ensuring pixel-perfect UI implementation from Figma designs and delivering seamless user experiences. Achieved 95% client satisfaction based on feedback.
  - **Performance optimization**: Optimized data-heavy dashboards, reducing load times by 45% and improving interactivity for large datasets. Improved Core Web Vitals, achieving a CLS score below 0.1.
  - **Backend and infrastructure enhancements**: Crafted 30+ API endpoints and implemented edge computing for computation-heavy tasks. Migrated applications from Ohio to Mumbai servers, reducing latency by 50%. Reduced JavaScript bundle size by 25% through code splitting and tree shaking.
  - **Technical SEO optimization**: Improved website ranking from 7th to 3rd in unlisted share category and achieved top rankings for specific keywords. Optimized images with lazy loading, resolved indexing errors, and increased organic traffic by 40%, reducing bounce rate by 15%.

- **Prabhudas Lilladher Pvt. Ltd** — Hybrid
  SDE (Full-Time) — *September 2023 - September 2024*
  - **PLSGB - In-House SGB Applying Portal**: Engineered PLSGB - In-House SGB Applying Portal, streamlining SGB applications with enhanced security features and JWT-based authentication. Integrated RazorPay, achieving a revenue milestone of 3 million and facilitating the sale of over 5kg of SGB.
  - **PLAdvisory - Broker Management System**: Architected a multilevel login system with tables, dashboards, pagination, sorting, and filtering. Achieved a Lighthouse performance score above 85, reducing load times by 30%.
  - **Trade-Script Dashboard**: Developed a Node.js backend with WebSocket-enabled frontend for live trade analysis, improving broker efficiency by 30%. Enabled real-time updates for 50+ brokers, reducing manual effort by 40%.
  - **Automation with CRON Jobs**: Streamlined image compression and daily report downloads, saving 6 hours daily. Automated 80% of repetitive tasks, freeing up team bandwidth for strategic initiatives.

- **Proteus Advisors Pvt. Ltd** — Remote
  React Developer (Full-Time) — *January 2023 - August 2023*
  - **Media Management System**: Refactored and developed React.js application with Figma-to-code implementation, streamlining architecture and reusability of features. Spearheaded media management app development, enabling efficient organization and retrieval of multimedia assets, reducing asset retrieval time by 50%.
  - **Ticket Raising System**: Developed an in-house ticketing system with department-specific login and user-friendly interface. Reduced ticket resolution time by 35% and improved cross-department collaboration.

PROJECTS / OPEN SOURCE

- **NexSync - Real-Time Communication Platform**: Built custom WebRTC platform with peer-to-peer video conferencing and signaling server from scratch. Implemented real-time communication features using React.js frontend and Node.js/WebSocket backend. Developed secure room management, screen sharing, and end-to-end encrypted messaging functionality. Tech: ReactJS, NodeJS, WebSocket, WebRTC. | Project-Code

- **Flagsmith - Open Source Contribution**: Contributed to Flagsmith, an open-source feature flagging platform. Focused on improving UI/UX by implementing design updates and resolving issues. Key contributions include: PR #5133 (UI enhancements), ensuring consistent design alignment with Figma prototypes. Tech: ReactJS, Tailwind CSS. | Repository Link