TUSHAR GOYAL

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EXPERIENCE

Ajna View by Vignan Corp (Next.js, TypeScript, Redux Toolkit, C++, Qt Creator)   *Dec 2024 - Present*
Software Engineer

- Redesigned and rebuilt the main product's frontend using Next.js, Tailwind CSS, and Redux Toolkit with atomic design methodology along with Turbopack/Webpack, achieving 67% better performance and 95% faster loading times.
- Developing and maintaining cross-platform applications using Qt Creator and C++, focusing on creating intuitive user interfaces that meet client requirements employing Object-Oriented Design principles for enhanced code maintainability and scalability.

Polycab(Business Development   *Aug 2024 - Nov 2024*
BDE

Evotech (React.js, TypeScript, Chart.js, D3)   *Jan 2024 - Jun 2024*
Frontend Developer Intern

- Engineered a real-time interactive dashboard with TypeScript and React, boosting user engagement and user interaction by 13% through intuitive data visualization.
- Built data processing workflows and implemented caching strategies, reducing API response times by 40% for 500+ concurrent users.

PROJECTS

Personal Portfolio (React.js, Next.js, TypeScript, Tailwind CSS)   *tusharr.dev*

- Designed and launched a responsive personal portfolio website using Next.js and TypeScript with optimized performance
- Introduced modern UI components and animations for an engaging user experience with a 95+ Lighthouse score

Realistify (React.js, Next.js, TypeScript, AWS)   *realistify.ai*

- Created an AI-driven platform that transforms website into responsive, production-ready code using advanced algorithms
- Integrated real-time preview functionality and AWS services, reducing development time and streamlining deployment workflows

Glyde – Smart Scooter Rental (Java, Spring Boot, REST APIs, MapMyIndia API, Redis, MongoDb)

- Collaborated in a team of 3 to design and deploy a scalable backend using Java Spring Boot, integrating real-time mapping, secure KYC verification, and wallet services.
- Built modular REST APIs and implemented Redis caching, ensuring reliable data flow and efficient platform performance.

SKILLS

Development	JavaScript, TypeScript, Java, C++, React.js, Next.js, Node.js, Spring Boot, Tailwind CSS
Databases	SQL, MongoDB, PostgreSQL, Redis
Tools & DevOps	Git, Docker, Kubernetes, VS Code, Redux Toolkit, CI/CD, AWS
Libraries & APIs	Chart.js, D3.js, REST APIs, GraphQL, JWT Authentication

EDUCATION

Dr. B.R. Ambedkar National Institute of Technology, Jalandhar   *Jul 2020 - Jun 2024*
B.Tech CGPA: 7.71
SEABA International School (CBSE)   *Apr 2019 - Apr 2020*
12th Percentage: 86.4%

ACHIEVEMENTS AND CERTIFICATIONS

- Participation in **Google DSC hackathon - Hackmol 3.0**
- Solved 200+ DSA problems on platforms **Leetcode**

POSITIONS OF RESPONSIBILITY

- Member in **GDSC** (Google Developers Student Club), actively organized technical workshops reaching 100+ students
- Founded an edtech **startup** HOC for 6 months, successfully managing a team of 35 members with clear deliverables
- Core team **Organizer** for annual fest **UTKANSH** at NIT Jalandhar, coordinating events with 1000+ participants