

Tarun Dhiman

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Professional Summary

Full-stack engineer with 3+ years of experience building scalable web applications and REST APIs using React.js, Node.js (Express), and TypeScript. Experienced with Docker, CI/CD, OAuth2/JWT, and AWS, with a track record of translating Figma designs into production-ready UIs and collaborating across product and DevOps teams in agile settings.

Experience

Software Engineer, ANZ – Bengaluru, IN

Oct 2022 – Present

- Architected and developed a React.js executive dashboard, translating Figma UI/UX designs into responsive components and optimizing frontend data-fetching and API integration to achieve a **70% reduction** in load times
- Designed and implemented a role-based access control (RBAC) admin portal supporting **10+ roles** and **10000+ users** using Node.js (Express) with JWT authentication, improving application security and compliance
- Built and maintained **5+ RESTful APIs** with Express.js, integrating backend services with frontend components through secure, well-documented endpoints
- Integrated interactive data visualizations using React chart libraries, enabling **real-time reporting** across **5+ business dashboards** backed by SQL data pipelines
- Leveraged AI development tools (GitHub Copilot, Cursor AI) to accelerate feature delivery, **cutting boilerplate development time by 30%**
- Collaborated with product managers and business stakeholders to design an intuitive onboarding experience, driving a **30% increase** in feature adoption

Software Engineer Intern, uTrade Solutions – Mohali, IN

June 2021 – Mar 2022

- Developed a C++ desktop application with SQLite to manage employee records, **reducing query execution time by 40%**
- Built and optimized gRPC-based data pipelines, replacing legacy systems and **reducing data processing time by 50%**
- Designed data lineage documentation and data asset summaries, improving data governance and **reducing defects by 20%**

Projects

Chat Application | React, TypeScript, WebSockets, Node.js (Demo)

Github Repo

- Built a real-time chat application supporting room-based and private messaging using WebSockets
- Implemented private rooms with shareable invite links, enhancing user privacy and access control
- Designed a responsive dark-themed UI using Tailwind CSS
- Deployed the application using cloud infrastructure and CI/CD pipelines

DevHub Bot | Node.js, TS, React, PostgreSQL, Prisma, Discord API

Github Repo

- Built a full-stack system integrating GitHub webhooks with Discord to track and gamify developer activity via a live leaderboard
- Developed a scalable backend using Express, Prisma, and PostgreSQL to process events and update user scores in real time
- Created a modern React dashboard to visualize users, rankings, and activity logs
- Implemented a Discord bot for user onboarding and in-server leaderboard access

Technical Skills

Programming Languages: JavaScript (ES6+), TypeScript, Python, C++, SQL

Frontend: React.js, Next.js, HTML5, CSS3, Tailwind CSS, Responsive Web Design, Chart.js

Backend: Node.js, Express.js, REST APIs, JWT, WebSockets, gRPC

Databases: MongoDB, PostgreSQL

Cloud & DevOps: AWS (Lambda, S3, EC2), Docker, CI/CD, GitHub Actions

AI Dev Tools: GitHub Copilot, Cursor AI

Tools: Git, Postman, Figma (UI translation)

Soft Skills: Cross-functional Collaboration, Stakeholder Management, Mentoring

Education

Chandigarh University

July 2018 – June 2022

Bachelor of Engineering in Computer Science

- **Relevant Coursework:** Data Structures & Algorithms, Computer Architecture, Computational Theory, DBMS