

## Chetan

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[LinkedIn](#) | [GitHub](#) | [LeetCode](#)

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## Objective

Motivated and detail-oriented full-stack developer with strong problem-solving skills and hands-on experience in building scalable, secure web applications. Looking to contribute to impactful tech teams in fast-paced environments. Interested in roles involving backend engineering, real-time systems, or full-stack product development.

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## Technical Skills

- **Languages:** TypeScript, JavaScript, C/C++, SQL, HTML/CSS
  - **Frameworks & Libraries:** React, Express.js, Recoil, Tailwind CSS, Prisma, Vite, Framer Motion , Next.js
  - **Tools & Platforms:** Redis, PostgreSQL, MongoDB, AWS S3, Cloudinary, JWT, Zod, Git, GitHub, Resend
  - **Concepts:** REST APIs, Auth flows, OTP systems, File uploads, State management, DevOps (Vercel, Render, Cloudflare)
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## Projects

**SkillMatch – Full-Stack Developer Platform** - Designed and built an end-to-end matchmaking platform for developers to connect based on skills.

- Implemented multi-layer authentication: OTP-based signup with Redis cache, JWT auth, and Google OAuth2.
- Integrated secure resume and profile uploads to AWS S3 using signed URLs.
- Developed real-time WebSocket chat system with persistent storage and user-session mapping.
- Added job posting, search, and eligibility filters with Zod input validation.
- Skill-based user search and profile matching using PostgreSQL queries and email filters.
- Modular backend with clean API structure, TypeScript, and Prisma ORM.
- **Deployed frontend on Cloudflare Pages and backend on Render with environment-based config and live API routing.**
-  **Live:** <https://skillmatch.sbs>\*\*

### SkillPay – Digital Wallet Clone

*Node.js, Express, MongoDB, Redis, React*

- Peer-to-peer transfers with OTP-auth, Redis token storage, and secure access control.
- Integrated role-based access, toast alerts, and route protection in frontend.
- Built with reusable UI components and clean navigation using React Router.

### TodoList – Productivity App

*React, Recoil, Tailwind CSS*

- Created a responsive to-do app with filters and persistent state management.
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## Open Source Contribution

### AWS Powertools for AWS Lambda (TypeScript)

- Refactored Tracer package to remove legacy class-based env helpers and use functional utilities.
- Cleaned up test files and ensured full compatibility with CI/CD workflows.
- Followed open-source contribution practices and passed all code reviews.

[PR Link](#)

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## Achievements

- Currently learning and building with Next.js (expected completion in 3–4 days)
  - Solved 100+ DSA problems on LeetCode
  - Deployed 2+ full-stack apps with end-to-end authentication and cloud integrations
  - Integrated Redis, AWS S3, and Cloudinary in backend workflows
  - Built responsive, mobile-first UIs with Framer Motion and Tailwind CSS
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## Education

### B.Tech in Computer Science & Engineering

Indian Institute of Information Technology (IIIT) Agartala

**CGPA:** 7.5 (Up to 3rd Semester)

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## Collaboration & Team Readiness

- Strong with Git, GitHub, PRs, and code reviews
- Clean, typed code using TypeScript and modular logic
- Comfortable contributing to backend systems, infrastructure, and APIs
- Fast learner, can read and contribute to unfamiliar codebases