

# Gautam Singla

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## Skills

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**Languages & Frameworks:** JavaScript, TypeScript, Python, React.js, Next.js, TailwindCSS, HTML, CSS

**API Handling:** REST, GraphQL, Axios, React Query

**Tooling & Workflow:** ESLint, Prettier, GitHub Actions, Vercel, Netlify, Bun, Yarn, NPM

**UI/UX Design:** Figma, UI Design, UX Research

## Experience

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**L1 - Product Engineer**, Adaapt.ai (Formerly Terobots) June 2023 – Present  
• Built an AI-powered analytics platform that enables NLP queries on user databases.  
• Developed front-end features: folder hierarchies, custom charts, and drag-and-drop UI.  
• Implemented RBAC for user-specific data access control.  
• Integrated real-time alerts and reporting for key business insights.

**Frontend Engineer | UI/UX Designer**, Tootler.ai Sept 2022 – June 2023  
• Built responsive, performant UIs using Next.js, TypeScript, and TailwindCSS.  
• Created and maintained a design system and reusable component library.  
• Developed an AI-powered SOP generator for study-abroad aspirants [\[Live\]](#).

## Projects

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**ATC Reward Point System** [\[Case Study, Live\]](#)  
• Developed an e-commerce rewards app for ATC's corporate clients using Next.js, TypeScript, and TailwindCSS.  
• Built cart, checkout, and authentication flows using SSR and code splitting for optimized build performance.

**ATC Admin Dashboard** [\[Case Study, Live\]](#)  
• Built a transport management dashboard for an Australian client using React.js, MongoDB, and Chart.js.  
• Implemented job bookings, user management, analytics, and flexible data visualizations.  
• Optimized performance through code splitting, lazy loading, and data virtualization.

## Education

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**Dr B R Ambedkar National Institute of Technology, Jalandhar**, B.Tech. 2020 – 2024  
CGPA: 8.02

## Volunteering

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**Ved Vyas Foundation** – Open Source Contributor [Live](#)  
Designed and developed a new user interface for bhagvadgita.ai.

**NITJ Official Website** – Front-End Engineer [Live](#)  
Led the front-end development of the NITJ website. Managed 15+ contributors on GitHub.

## Achievements

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**HackMol 3.0 – National-Level Hackathon (1500+ participants)** [\[Case Study\]](#)  
• Secured 2nd position among 1500+ participants.  
• Built SquadOps – a team collaboration platform with real-time features and AI integrations.

## Clubs

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**WDMC (Overall Co-Lead):** Organized hackathon, tutored 70+ students.  
**GDSC (UI/UX Design Co-Lead):** Presented and mentored in HackMol 4.0.