

# LOVEPREET ZELENKOV SINGH

## Full-Stack Software Engineer



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## WORK EXPERIENCE

### Makroner&Co | Full-Stack Freelance | October 2023 - Present

- **Technology:** HTML | CSS | JavaScript | TypeScript | Next.js 14 | React | TailwindCSS | Supabase | Sanity.io | Stripe
- **Description:** eCommerce website for selling macarons. Discussed with the client to then create detailed wireframes and prototypes in Figma, and chose a Tech Stack for a responsive and modern user interface. I prioritized mobile-first design and followed TDD principles. To efficiently handle product data and content, I integrated Sanity.io as a headless CMS, and Supabase for seamless SQL database management for members and orders. Security was enhanced through the implementation of robust authentication and authorization, ensuring that only authorized users have access to relevant pages. I also integrated Stripe for a smooth payment process. It all came together with an admin dashboard, developed to streamline order management and provide insights through sales graphs.

## PROJECTS

### Threads-Clone

- **Technology:** HTML | CSS | JavaScript | TypeScript | Next.js 13.4 | React | TailwindCSS | MongoDB | Vercel | GitHub
- **Description:** Full-Stack social media platform inspired by Threads. The project offers a secure and comprehensive user experience, with authentication via Clerk and an intuitive interface for creating and commenting on threads. File uploads are efficiently managed with UploadThing, while the UI is aesthetically enhanced with style components from Shadcn. The application is designed with a focus on scalability and maintainability, in accordance with SOLID principles.

### PriceWise

- **Technology:** HTML | CSS | JavaScript | TypeScript | Next.js 14 | React | Tailwind CSS | MongoDB | Vercel | GitHub
- **Description:** Website created with the purpose of web scraping from Amazon. Tracks prices from Amazon and sends email updates about the product if opted in. Also uses CRON jobs to periodically update data automatically.

### DALL-E Clone

- **Technology:** HTML | CSS | JavaScript | React | Vite | Node.js | Express | Axios | TailwindCSS
- **Description:** Website created to browse through imaginative and visually stunning images generated by DALL-E AI. Made with Vite and React. The chosen database is MongoDB. Utilizes OpenAI API DALL-E to create images from prompts. HTTP is managed with Express and API with Axios. Styled with TailwindCSS.

## SKILLS

- **Languages:** HTML | CSS | JavaScript | TypeScript | C# | Python | SQL
- **Front-End Development:**
  - - **Frameworks & Libraries:** React | Next.js
  - - **UX/UI:** Figma | Tailwind CSS | Framer | Three.js | Shadcn | Bootstrap | SEO | WCAG
- **Back-End Development:**
  - - **Frameworks & Various:** Node.js | Next.js | C# | ASP.NET | Django
  - - **Databases:** MySQL | SQL Server | SQLite | PostgreSQL
- **Cloud Databases:** Planetscale | Supabase | Firebase | Vercel | MongoDB
- **API:** Express | Minimal API | DjangoRestFramework | Insomnia
- **Authentication & Authorization:** NextAuth.js | Kinde | Clerk | JWT
- **Hosting:** Vercel | AWS | Netlify
- **Headless CMS:** Sanity.io
- **CDN:** Cloudinary
- **Testing Frameworks:** Jest | PyTest | Django.test
- **Tools:** Visual Studio Code | SQL Management Studio
- **Various:** GitHub | Git | npm | pnpm

## CERTIFICATIONS

### Meta

- Meta Full-Stack Engineer
- Meta Back-End Developer
- Meta Front-End Developer

### Microsoft

- Microsoft Learn AI Skills Challenge

### Udemy

- Understanding TypeScript
- C# Advanced Topics: Prepare for technical Interviews
- C# Intermediate: Classes, Interfaces and OOP
- C# Basics for Beginners