

Manim Turkey

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SUMMARY

Frontend Engineer with 3+ years building production **ReactJS**, **TypeScript**, and **styled-components** applications at scale — from React SPAs serving 10M+ users at Optum (UnitedHealth) to UI architecture, design-system work, and prototyping on an open-source iteration of Google Cloud Dataplex at Cloudsufi. Strong on modern **JavaScript (ESNext)**, browser APIs, **Webpack** tooling, and end-to-end collaboration with Product Designers from wireframes through release. Open to relocate across EU/UK with visa sponsorship.

EXPERIENCE

Cloudsufi

Noida, India

Software Engineer

Sep 2025 – Present

- Led **frontend development** for 5 key modules (Data Products, Aspects, Glossaries, Filters, View Details) on an open-source iteration of **Google Cloud's Dataplex** using **ReactJS**, **TypeScript**, and **styled-components**, accelerating data discovery by 30% and improving user engagement by 25%.
- Collaborated closely with **Product Designers** from wireframes and mockups through implementation and release — prototyping new user interactions, iterating on feedback, and shipping customer-facing flows end-to-end.
- Helped **define and maintain visual guidelines**, driving design-system consistency, responsive mobile-first layouts, and dark-mode adoption across the platform.
- Architected state management and authentication via **Redux**, refactoring the AuthProvider for persistent sessions and token lifecycle handling, reducing session drops by 40%.
- Built a comprehensive **Jest** unit and integration testing framework achieving 90% code coverage, and optimized search and filter retention logic, decreasing UI query response times by 20%.

UnitedHealth Group — Optum

Gurugram, India

Full Stack Software Engineer

Jun 2021 – Jul 2023

- High-Scale React SPAs:** Engineered Global Navigation Header and Footer as **ReactJS** SPAs serving **10M+ users**; implemented caching, code-splitting, and lazy loading via **Webpack**, reducing page load times by 40%.
- Reusable Component Library:** Built reusable UI components with **ReactJS** and **TypeScript**, integrating **GraphQL** middleware and backend APIs for the User-Manager service, reducing deployment issues by 20%.
- Code Quality & Testing:** Built unit, integration, and end-to-end test frameworks with **Jest** and **WebDriverIO**, raising coverage to 90% and reducing production bugs by 25% across high-quality releases.
- CI/CD & Debugging:** Maintained Jenkins pipelines and instrumented **Splunk** logging and **browser DevTools** workflows to diagnose production issues, decreasing build failures by 30%.
- Cross-Functional Collaboration:** Partnered with product owners, designers, and backend engineers across global teams; integrated Adobe Analytics dashboards that drove data-informed UI iterations and improved system performance by 20%.

EDUCATION

Virginia Tech

Falls Church, VA, USA

Masters in Computer Science; GPA: 3.90/4.0

Aug 2023 – May 2025

Delhi Technological University

Bachelor of Technology in Computer Engineering; GPA: 8.57/10.0

New Delhi, India

Aug 2017 – May 2021

TECHNICAL SKILLS

Languages: JavaScript (ESNext), TypeScript, Python, Java, SQL, GraphQL, HTML5, CSS3

Frontend Core: ReactJS, Redux, Next.js, styled-components, Webpack, Angular 11, Socket.IO, browser APIs

Design Collaboration: wireframes & mockups, prototyping, design-system consistency, responsive mobile-first layouts, dark mode

Testing & Code Quality: Jest (unit/integration), WebDriverIO, Selenium, Browser DevTools, code coverage tooling

APIs & Server-Side: REST APIs, GraphQL, Node.js, Next.js, JWT-based authentication

DevOps & Tooling: Git, Jenkins, CI/CD Pipelines, Docker, Splunk, JIRA, VS Code, IntelliJ IDEA

Cloud Services: AWS (Lambda, SES, RDS, S3), GCP

PROJECTS

U-Pass Manager | Virginia Tech

Jan 2025 – May 2025

- Architected a full-stack **Next.js / React / Node.js** web app with responsive UI, ensuring 99.9% uptime for 10K+ student records and reducing manual entry by 95%.
- Improved API speed by 50% and secured role-based access via optimized **GraphQL / REST** endpoints with JWT, integrating AWS Lambda for S3 → RDS automation.
- Halved student wait times with a 100 ms NFC validation pipeline using **Socket.IO** for real-time distribution under high concurrency.

GenAI-Powered Job Application Assistant | Personal Project

Jun 2025 – Present

- Architected an automated outreach system using VBA in Excel and the **OpenAI GPT-4 API**, handling the full API lifecycle, JSON parsing, and dynamic content generation.
- Reduced manual effort per application from 15 minutes to under 10 seconds (97% reduction), increasing daily outreach capacity by 500%.