

# Manan Narwal

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## EXPERIENCE

### Associate Research Analyst

Nov 2025 – Present

*Highspring India*

- Evaluated and verified 1000+ AI-generated responses per week for Google projects, improving factual accuracy and adherence to quality benchmarks.
- Built internal automation tools and scripts using Apps Script, JavaScript, and Python to streamline tasks and improve team productivity by 20%.
- Coordinated with analysts, reviewers, and project leads to standardise evaluation workflows, contributing to a 20–25% improvement in review turnaround time.

### Software Testing Intern (iOS & Web Applications)

Oct 2023 – May 2024

*ATG World Networks*

- Performed end-to-end manual testing across 5+ iOS applications and web platforms, identifying functional and performance issues prior to release.
- Examined Figma application designs, created 80+ comprehensive test cases to certify UI element functionality, and improved user interface precision, leading to approximately 28% fewer post-release defects.
- Identified and reported high-impact bugs early in the testing cycle, contributing to an estimated 25–30 % reduction in post-release defects.

## PROJECTS

### Movie/Shows Streaming Website | *JavaScript, ReactJS, Node.js*

[Deployed](#) | [Source Code](#)

- Engineered a React-based video streaming platform featuring advanced search, filtering, and responsive UI using Tailwind CSS, routing, pagination, and hooks; served 5,000+ concurrent users.
- Implemented TMDB REST API integration to dynamically fetch and display 2,00,000+ movie and TV show records, including metadata, posters, and ratings.
- Architected global state management using React Context API and implemented a multi-server video player supporting seasons and episodes, reducing redundant API calls and improving navigation flow.

### Calories Tracker | *React Native, Expo*

[Source Code](#)

- Engineered a cross-platform fitness application infrastructure using React Native and Expo, incorporating modular design for exercise logging, personalised planning, and decreased average loading times by 15% after profiling.
- Implementing modules for exercise logging, calorie tracking, and personalised workout planning.
- Designing an interactive dashboard to visualise daily progress and nutrition insights.

### Health Tracking Application | *ReactJS, Node.js, MongoDB*

[Deployed](#) | [Source Code](#)

- Developed a health tracking web application to centralise multi-source medical records, enabling trend analysis and insight generation across uploaded reports.
- Implemented Google OAuth 2.0 and JWT-based authentication with secure session handling.
- Implemented advanced features such as PDF report parsing, dark/light mode, and interactive visualisations, improving data readability and user experience by 30%.

## TECHNICAL SKILLS

**Languages:** JavaScript, Python, HTML, CSS, PHP, Bash

**Frameworks:** React, Node.js, Express.js, TailwindCSS, MaterialUI

**Databases:** MySQL, MongoDB

**Tools:** Git, GitHub, Google Cloud Platform, VS Code, Postman, PowerBI

**Libraries:** React Hooks, Context API, Axios, Recharts, JWT, Mongoose

## EDUCATION

### Institute of Information Technology & Management

New Delhi, Delhi, India

*Bachelor of Computer Applications (BCA) – 8.4 CGPA*

Oct 2022 – June 2025

## ADDITIONAL INFORMATION

**Certification:** Full Stack Development, DSA and DevOps

**Awards & Activities:** Runner Up – College Round of Smart India Hackathon; Built Smart Dust Collector during Summer Internship