

## Experience

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**Optum** Full Stack Software Engineer  
OPTUM (UHG)

2021 - Present  
Gurugram, India

- **Role and Project:** Key contributor in the development of a comprehensive service platform that integrates gym memberships, vendor shopping, and search functionalities. Additionally spearheaded the development of an operations platform designed to streamline client partner onboarding and management with features to improve project operations, and empower customer service teams with tools to efficiently resolve member issues.
- **Backend Development:** Engineered microservices for RESTful and GraphQL APIs. Leveraged Scala with Play Framework, Cats-Effects, and Quill to create highly concurrent, resilient and scalable microservices. Resulting in quick response time even under high traffic conditions, with services efficiently sustaining higher loads. Additionally, employed Spring with Java for building middleware microservices, and developed Node.js microservices using Nest.js to provide GraphQL APIs to the UI application while ensuring minimum overhead and seamless integration across the system.
- **UI and Frontend Development:** Engineered a dynamic and responsive user interface with React.js and Next.js, incorporating Redux for efficient state management. Spearheaded the rebranding of the product to implement a modern and attractive UI. Implemented server-side rendering with Next.js to enhance load times and SEO, resulting in a 30% increase in user retention. Focused on optimization, accessibility, and user engagement. Additionally, developed a cross-platform mobile application using React Native.

Scala Java Spring Play JavaScript TypeScript React.js Next.js React-Native