

# Mrigank Sagar

 mriganksagar |  +91 9069168030 |  mriganksagar@gmail.com |  mrigank-sagar

*Experienced Full-Stack Engineer looking for a full time job*

## Education



**B.Tech in Computer Engineering**  
DELHI TECHNOLOGICAL UNIVERSITY

**2017 - 2021**  
Delhi, India

- CGPA: 8.0
- Lab Internship: Simulated networks and its load to study and optimise routing for Software Defined Networks
- Major Project: Software development approach using ontologies to easily document and maintain the software system

## Professional Experience

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

**2021 - Present**  
Gurugram, India

- **Project Development:** Played a key role as a Full Stack Developer in developing and maintaining projects focused on health and wellness programs and solutions. These projects positively impacted millions of users and significantly improved the efficiency of operations teams by atleast 20%.
- **Backend Development:** Developed backend microservices to serve RESTful and GraphQL APIs using tech-stacks such as Play Framework with Scala, Springboot (Java), and Nodejs.
- **Frontend Development:** Developed web and mobile applications using React and Next.js for the web frontend, and React Native for cross-platform Mobile Application.

Scala | Play | Akka | Java | Spring | JavaScript | TypeScript | React | Next.js | Node.js | Redux | PSQL

## Projects & Associations

**Full Stack Engineer**  
OPTUM (UHG)

**2021 - Present**  
Gurugram, India

- **One Pass:** Engineered a comprehensive service platform offering membership benefits, gym search functionalities, and vendor shopping options. Developed Microservices using Play in Scala for the core logic, and the middleware services to provide APIs to Frontend Application. Developed responsive and interactive UIs using Next.js
- **Admin Portal:** An admin portal for managing sponsors and clients of One Pass, featuring highly customizable configurations. Developed Microservices using Springboot in Java to serve the APIs, and UIs using Nextjs and Reactjs

### PERSONAL PROJECTS

- **Torrent Downloader:** Created a browser-based torrent downloader eliminating the need for backend support and additional installations.

## Publications

Rohit Beniwal, M. S. (2021). *Ontology Driven Software Development for Better Understanding and Maintenance of Software System*. 73–81.

## Skills

### Languages

English | Hindi

### Programming Languages

Scala | Java | JavaScript | TypeScript | C++ | C | Python

### Frontend

React | Next.js | React Native | Redux | HTML/CSS | Tailwind

### Backend

Play Framework | Spring | Nest.js | SQL(PSQL) | REST APIs | GraphQL

### Tools & Platforms

Git | Docker | Kubernetes | Linux

### Concepts

Strong Data Structures & Algorithms, and Functional and Object-Oriented Design Principles.