

## Navjit Singh

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## Full Stack Software Engineer

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Experienced Full Stack Developer with 2+ years of hands-on expertise in building robust web applications. Proficient in React, Next.js, Node.js, and GraphQL. Skilled in developing scalable solutions, I have contributed to the successful completion of 2+ production projects, resulting in an average 50% increase in efficiency. Collaborated with 10+ cross-functional teams to analyse requirements, design solutions, and implement effective strategies.

### TECHNICAL SKILLS

**Languages:** JavaScript (ES6), Typescript, Java, HTML5, CSS3

**Frameworks and Libraries:** Node.js, GraphQL, Next.js, AWS, Express, React.js, Elasticsearch, Expo, React Native, Firebase, Redux, Docker, Kubernetes

**Tools:** Visual Studio Code, Sublime Text, Git, GitHub, IntelliJ, Eclipse, Postman, Vim, MS Office, Adobe Photoshop, Pro Tools

### EXPERIENCE

**Publicis Sapient | Homes and Villas by Marriott Bonvoy**, Gurugram, India

May 2022 – Present

*Associate Software Development Engineer - 2, Full Stack*

- Collaborated with Homes and Villas by Marriott Bonvoy, leveraging Next.js 13 and React.js 18 with GraphQL, Express, and Elasticsearch. Enhanced user experience, resulting in a 50% increase in conversion rates.
- Optimised Elasticsearch queries used in search experience and reservation flows which led to 50% less CPU usage and 40% less memory usage. Which reduced overall operational costs by 10%.
- Spearheaded a pioneering search project in travel and hospitality, utilizing cutting-edge technologies like gen AI and Next.js 13.
- Achieved a remarkable 75% increase in user interaction by implementing an advanced lazy loading technique for images, reducing load times from 8 seconds to just under 2 seconds, resulting in enhanced user engagement and retention rates.
- Improved search experience by 20%, leading to a substantial boost in conversion rates. Received accolades for optimizing frontend performance and platform experience.
- Integrated Single Sign-On (SSO) with Marriott Bonvoy mobile app and Homes and Villas platforms, elevating mobile app conversion rates by 10%.
- Revamped lookup reservations and curated collections page, delivering a 90% performance improvement while maintaining SEO friendliness.

**Publicis Sapient | Bang and Olufsen**, Gurugram, India

May 2021-July 2021

*Engineering Intern*

- Engineered a predictive platform for Bang and Olufsen, utilizing machine learning models and React.js to forecast product demand accurately.
- Implemented cost-efficient stock management strategies, reducing overstocking costs by an impressive 40% without affecting revenue.
- Introduced innovative data-driven solutions for optimizing stock levels, significantly improving decision-making processes.
- Achieved a 50% reduction in customer dissatisfaction stemming from out-of-stock products.
- Received commendation for contributions to Bang and Olufsen's success in stock and revenue optimization, underscoring the impact of implemented solutions.

### EDUCATION

**Indian Institute of Technology, Roorkee**

2018 – 2022

*Bachelor of technology*

*Electronics and Communication Engineering, 7.523 CGPA*