

# Karan Khandelwal

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## SUMMARY:

Full stack software developer skilled in creating modern, scalable web applications using React.js and .NET Core, with a proven track record of collaborating effectively with cross-functional teams.

## TECHNICAL SKILLS:

- **Frontend** - JavaScript, React Js, Redux, TypeScript
- **Backend** - C# .NET, C++, C
- **DevOps** – Azure DevOps
- **Database** - MySQL, SSMS

## EXPERIENCE:

**Software Engineer (SE)** – Hexaware Technologies | May 2023 – May 2024

- Conducted a comprehensive analysis of the existing legacy health insurance system to identify core functionalities and user workflows.
- Redesigned the UI/UX for improved usability, implementing intuitive UI elements and responsive design features using modern design principles of React.js, C# .NET, SSMS, Azure DevOps.
- Utilized SonarQube to analyse code vulnerabilities, addressing and resolving technical debt, bugs, and code smells.
- Successfully resolved website bugs, leading to notable improvements in web functionality and performance.
- Ensured the successful deployment of the modernized web application, retaining core functionalities while improving the user experience.

**Associate Software Engineer (ASE)** – Hexaware Technologies | Sept 2022 – Mar 2023

- Collaborated and contributed with Lead Developers to deliver features based on client requirements.
- Played a key role in the maintenance of the existing application to ensure smooth operation.
- Implemented a major feature of clone entire table records to create new ones, significantly reducing end-user time and improving efficiency.

**Electrical Design Intern (EDI)** – Shubhshree Electrical and Instrumentation | Sept 2021 – Dec 2021

- Designed AutoCAD Electrical drawings and wiring diagrams for control panels.
- Worked on wiring and setup of MCC, PCC, PLC, VFD, and PDB panels.
- Contributed to industrial automation projects for clients such as Fiat, Rajdeep Engineering, and Indpro Engineering Systems Pvt. Ltd.

## PROJECTS:

[\[Link\]](#) Robotic Live-Working for Electric Power Lines Inspection

**Tech Stack:** C++ , HTML 5

- Developed a robotic rover which can run on electric transmission line and inspect the high voltage transmission lines and send real-time visual video of EHV line for corrosion and detects damaged conductor strands.

## EDUCATION:

- **Savitribai Phule Pune University**, Pune  
Bachelor's Degree in Electrical Engineering
- **Mahaveer English Medium School and Junior College**, Pune  
HSC [MSBSHSE]
- **Amrita Vidyalayam Baneshwar**, Pune  
SSC [MSBSHSE]

**CGPA: 9.5 / 10**

July 2018 to July 2022

**Percentage: 84.31%**

June 2016 – April 2018

**Percentage: 85.20%**

April 2016