


# RISHANK SINGH

## SOFTWARE DEVELOPER

### CONTACT

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### SKILLS

Frontend - ReactJS, Javascript, HTML, CSS  
Backend - PHP, Java, C++, C, Python, NodeJS  
Database - MySQL, PostgreSQL, SQLite  
Software Development  
Data analysis  
Project deployment  
Technical writing

### EDUCATION

#### University of Massachusetts, Boston

**Master of Science: Computer Science**  
2016-2018

#### Rajasthan technical university

**Bachelors of technology: Computer Science**  
2016-2018

### LANGUAGES

English  
Hindi

### PROFILE

5 years of experience in Software Development and programming, data management, analytics, and design. Skilled in leveraging advanced technologies to drive innovation and deliver impactful solutions. Committed to excellence, with a proven track record of exceeding expectations in dynamic and global settings.

### WORK EXPERIENCE

#### Research Assistant

University of Massachusetts, Boston

Mar, 2023 - Present

- Developed research devices and applications that were used for various research conducted for ailing older adults.
- Conducted literature reviews, ensuring comprehensive research material gathering for the latest developments in the field of VAS.
- Collected data using diverse methods, conducted rigorous analysis, and interpreted results for meaningful insights.

#### Student Assistant

Healey Library (UMass, Boston)

Apr, 2023 - Sep, 2023

- Developed interactive dashboards to visualize complex data sets for strategic decision-making using Tableau.
- Diagnosed and resolved problems, offering technical support for seamless software usage by staff and patrons.
- Maintained precise records of updates, licenses, and configurations, ensuring the integrity of the library's digital resources.

#### Solution Engineer

Nokia

Feb, 2021 - Jul, 2022

- Conducted in-depth research to identify software and hardware problems, swiftly diagnosing issues within servers, operating systems, and network configurations that improved performance of existing products by **30%**.
- Tracked and resolved system problems promptly, adhering to specified timeframes.
- Developed automated scripts to simplify common tasks and reduce manual effort

#### Software Engineer

Chetu Inc.

Jul, 2017 - Nov, 2020

- Designed and developed a scalable, high-availability web application that handled more than **100,000** concurrent users with minimal downtime.
- Improved database performance by **60%** through query optimization and indexing.
- Implemented automated testing that increased code coverage to **82%**, reducing the number of production issues by **30%**.