

# NEERAJ KUMAR

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## EDUCATION

### Northeastern University

Master's in Computer Science (Khoury College of Computer Sciences)

Sep 2024 – Current

Boston, MA

- **Relevant Coursework:** Algorithms, Data Structures and Algorithms, Object-Oriented Design in Java, Database Management, Computer/Human Interaction

## SKILLS

**Languages:** Python, Java, C, JavaScript, SQL, TypeScript, HTML, CSS | **Frameworks:** Django, ReactJS **Databases:** MySQL, MongoDB | **Tools:** Git, JUnit, WordPress, XAMPP, Selenium, Figma, Framer, VS Code

## WORK EXPERIENCE

### LongevAI Inc. | Incoming Software Engineer Intern

Feb 2026 – Present

- Selected for a Software Engineer internship to build responsive, component-based user interfaces for an AI-driven health-tech platform using React, TypeScript, Tailwind CSS, and integrating with REST/GraphQL APIs backed by a Node.js backend.

### Latitude Health | Software Engineering Intern

May 2024 – Aug 2024

- Developed an interactive dashboard to deliver real-time clinical data to assist in prior authorization. Successfully completed the development in 2 weeks.
- Designed 9+ modular React components (Tooltip, Status, Priority, etc.), enhancing modularity and reducing future dev time.
- Built 5+ responsive ReactJS web pages and collaborated in Agile sprints and participated in code reviews to ensure maintainability and modularity.

### Wyoming Global Research World Pvt. Ltd. | Web Development Intern

Oct 2022 – Jun 2023

- Engineered a conversational chatbot using front-end development plugins and conducted comparisons across 3 models to evaluate usability, responsiveness, and ease of creation.
- Developed a content-driven chatbot leveraging the ChatGPT plugin (AI Engine) to support educational institutions.
- Drove web and content development initiatives for educational institutions, enhancing user experience.

### Cognizant | Software Intern

Apr 2022 – Aug 2022

- Worked in a team of 6 to design and test the landing page using Java with Selenium for functional testing, alongside HTML, CSS, SQL, and XPath for development and validation.
- Supported multiple phases of the SDLC (development, testing, integration, and deployment) across 3 projects during a 3-month internship.

## PROJECTS

### Student Database Management System | Java, SQL

- Designed and implemented a Java/MySQL academic management system using MVC architecture to handle complex relationships across 15+ database tables.
- Developed 4 specialized controllers (Account, Course, Assessment, Student) with full CRUD functionality and robust error handling, ensuring smooth database interactions.

### General Product Store | Django, Python

- Developed a Django-based e-commerce platform allowing super admins to manage product listings, assign vouchers, and control inventory, using Django's MVC architecture to implement a scalable and maintainable system.

### Temperature Converter Web App | ReactJS

- Developed a responsive web app to convert temperatures between Celsius and Fahrenheit in real time using React hooks and controlled components. Emphasized clean component structure and intuitive user interaction.

### Wireless Sensor Networks | WSNs, Fuzzy Logic, Matlab

- Co-authored research on [Fuzzy-Based Hierarchical Routing Protocol for Wireless Sensor Networks](#), published in the Springer textbook Sustainable Computing.