

# RITESH KUMAR

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## Summary

Highly motivated and detail-oriented software developer equipped with a solid foundation in software development principles and practices, gained through academic projects and hands-on learning. Adept at problem-solving and eager to contribute to dynamic team environments. Committed to continuous learning and passionate about staying current with industry trends and emerging technologies. Seeking an opportunity to apply skills and grow as a professional.

## Skills

Technical Skills	Soft Skills
<ul style="list-style-type: none"><li>• <b>Programming Languages:</b> Python, JavaScript, C++</li><li>• <b>Web Development:</b> HTML, CSS, ReactJS, Next.js</li><li>• <b>Database Management:</b> MySQL, MongoDB</li><li>• <b>Tools &amp; Frameworks:</b> Django, Git/Github</li></ul>	<ul style="list-style-type: none"><li>• <b>Problem-Solving</b></li><li>• <b>Critical Thinking</b></li><li>• <b>Communication Skills</b></li><li>• <b>Collaboration &amp; Teamwork</b></li></ul>

## Education

- **Indian Institute of Technology Roorkee, India (IIT Roorkee) | Bachelor of Technology (B.Tech)** Oct'22 - Jun'26
- **Supervised Machine Learning: Regression and Classification (Stanford | Online - Coursera)**  
(Regression and Classification Algorithms) June'23 - Oct'23
- **Strivers A2Z-DSA Course by takeUforward(500k+ Subscribers on Youtube | Google Warsaw)**  
(Data Structures and Algorithms) Dec'23 - Jun'24

## Projects

- E-commerce Website** ([CustomerGithub](#)) ([AdminGithub](#)) Nov'24 – Dec'24
  - Developed two e-commerce websites—one for customers and another for admin use—leveraging Next.js for a responsive and dynamic frontend-backend integration.
  - Implemented a robust backend using MongoDB to manage order data, user accounts, and admin functionalities.
  - **Tech Stack:** Next.js, Tailwind CSS, Styled Components, MongoDB
- Thomso'23 Website** ([Github](#)) Jun'23 – Oct'23
  - Collaborated on building the website for annual cultural fest of IIT Roorkee, Thomso.
  - Designed and implemented a highly responsive and visually appealing user interface, enhancing user engagement.
  - **Tech Stack:** HTML, CSS, JavaScript, React.js
- Low-Light Image Enhancement** ([Github](#)) May'24 – Jun'24
  - Built and trained an autoencoder to denoise images, significantly enhancing image clarity and detail.
  - Applied advanced neural network techniques for effective noise removal and image quality improvement.
  - **Tech Stack:** Python, TensorFlow, Keras, Jupyter Notebook

## Position of Responsibility

- Head of Web Development | Geek Gazette, IIT Roorkee** Jun'24 – Present
  - Worked in collaboration with a team of developers at Geek Gazette, the official technical magazine of IIT Roorkee.
  - Responsible for managing Geek Gazette's main website along with other websites like ExpectationsIITR etc.
  - Collaborated with a team of designers and content writers to implement new features and enhancements for the website.