

# Ritesh Kumar Pandey

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## Work Experience

### Associate Software Developer July 2025 – Present

WebninjaZ, Noida sector 58, India

- Built key features for **"Pre Equity"**, improving user experience using **Next.js** and **Node.js**.
- Created **admin** workflows to manage users, transactions, and financial data securely.
- Added real-time reports and charts, supporting **1000+** users and **reliable platform performance**.

### Full Stack Developer June 2024 – Oct 2024

Novexus Technology Private Limited, Noida, India

- Built responsive scalable web apps using **Javascript** and **React** with **cross-browser support**.
- **Collaborated** in team of **5** to improve deployment speed by **20%** through sprints and feedback.
- **Integrated Git-based** version control and **CI/CD pipelines**, resulting in a **15%** faster deployment frequency and reducing the average deployment time by approximately **8 minutes** per release, contributing to enhanced productivity.

## Education

### United Institute of Technology Sept 2021 – June 2025

Bachelor of Technology - Computer Science and Engineering

## Projects

### NextGen Medicine Recommendation System(AI/ML) [github.com/repo](#) ↗

- Addressed the lack of tailored medicine suggestions by building a full-stack personalized platform using **HistGradient Boosting** and **Gemini API** for real-time, symptom-based recommendations.
- Enabled intelligent treatment suggestions by integrating **Scikit-learn**, **Pandas**, and **OpenFDA API** for adaptive analysis and cross-brand medicine alternatives.
- Improved user experience and security by developing a responsive **React** front-end (with CSV support via Papa Parse) and securing back-end APIs with **JWT** and role-based access control.
- Tools Used: *ReactJS, Python, Pandas, Papa parse, Gemini API*

### PreEquity – Financial Web Application (Live) [preqty.club](#) ↗

- Built key platform features using **Next.js** and **Node.js**, including dashboards, user profiles, and investment tracking, improving the overall experience for investors and clients.
- Designed and implemented admin workflows with **MongoDB** and **REST APIs**, allowing secure management of users, transactions, and financial data, reducing manual errors and improving efficiency.
- Integrated **real-time** reporting and data visualizations using **Chart.js**, enabling admins and users to monitor investments and platform activity for **1000+ users** reliably.
- Tools Used: *NextJS, Redux, NodeJS, ExpressJS, MongoDB, JWT, TailwindCSS*

## Technologies

**Languages:** Javascript(ES6+), Typescript, Python, SQL, HTML5, CSS3

**Frontend Web Development:** React, Next.js, Redux Toolkit, Framer Motion, GSAP, Tailwind, Webpack, Vite

**Mobile App Development:** Flutter, Dart, Firebase

**Backend & Database:** NodeJS, ExpressJS, JWT, MongoDB, MySql, PHP

**UI/UX:** Figma, Responsive Design, Accessibility (WCAG), Design Systems

## Publications

### Disease Prediction and Medicine Recommendation (ICDAM 2025) Jan 2004

Chitransh Srivastava, **Ritesh Kumar Pandey**, Priyanshu Srivastava, Prashanat Singh

[ICDAM-2025/certification](#) ↗

## Achievements

- Solved **80+ problems** on LeetCode, focusing on Data Structures and Algorithms.
- Professionally certified in [Javascript](#) ↗ by Mozilla
- Achieved 2 Star rating on CodeChef with a max rating of 1400.
- Ranked in the top 10% of participants in HackerRank Problem-Solving contests.