

# PAWAN KUMAR GUPTA

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## Education

**National Institute of Technology (NIT), Rourkela**

2023 – 2025

*Master of Technology in Computer Science and Engineering*

**Chandigarh University, Punjab**

2017 – 2021

*Bachelor of Technology in Computer Science and Engineering*

## Technical Skills

**Languages:** JavaScript, Python, C++, Java, Dart, SQL — **Frontend:** React.js, HTML5, CSS3, Flutter, Bootstrap

**Backend:** Node.js, Express.js, Flask, RESTful APIs — **Database:** MySQL, MongoDB, Firebase

**Tools & Technologies:** Git/GitHub, AWS, Docker, Selenium, Android Studio, VS Code

## Professional Experience

**YatraMiles**

Oct 2024 – Jan 2025

*Full Stack Developer*

*Remote*

- Developed comprehensive travel booking platform using React.js and Node.js, managing 200+ travel packages with real-time availability tracking and dynamic pricing algorithms
- Implemented secure payment gateway integration (Razorpay) processing 100+ daily transactions with 99.8% success rate and comprehensive fraud detection
- Built responsive admin dashboard with advanced analytics, automated email notifications, and inventory management reducing manual operations by 65%

**National Institute of Technology, Rourkela**

Mar 2024 – Present

*Software Developer, Automation Cell*

*Rourkela, India*

- Architected and deployed automation solutions using Node.js and Python, reducing manual processing time by 45% for 500+ faculty and staff members
- Developed RESTful APIs with Express.js and MySQL database optimization, improving system response time by 30% and handling 1000+ concurrent requests
- Led migration of legacy systems to modern web applications using React.js, implementing responsive design and cross-browser compatibility

**National Institute of Technology, Rourkela**

July 2024 – Aug 2024

*Mobile Application Developer*

*Rourkela, India*

- Rebuilt Hello NITR mobile app using Flutter, serving 800+ active users with offline functionality, push notifications, and biometric authentication
- Implemented advanced search algorithms and real-time data synchronization, achieving 4.3+ star rating on Play Store with 95% crash-free sessions

## Key Projects

**NITRIS Campus App** | *Flutter, Firebase, REST APIs* [🔗 Play Store](#)

- Cross-platform mobile application with 1200+ downloads, featuring academic calendar, mess menu, hostel services, and campus navigation
- Integrated offline caching, biometric login, and push notifications achieving 4.3+ rating and 70% reduction in administrative queries

**CCTV Dashboard for Rourkela Police** | *.NET, SSMS*

- Developed 2 different separate dashboards under the supervision of Rourkela Police, 1st is for the citizen to pledge their camera and the 2nd is for the police station to locate the exact location of the camera with all the necessary details.

**Alumni Management Platform** | *React.js, Node.js, MySQL, AWS* [🔗 Live](#)

- Built comprehensive platform serving 5000+ alumni with event management, networking features, and secure authentication using JWT tokens
- Implemented real-time chat system using Socket.io, payment integration for donations, and automated email campaigns increasing participation by 50%

## Achievements & Certifications

- \* **GATE 2023 Qualified** (Score: 483, 98.2 percentile) | **1st Position** in Bug Finding Contest, NIT Rourkela
- \* **Global Rank 2487** in Google HashCode (200K+ participants) Certified
- \* **LeetCode:** 300+ problems solved (1650+ rating) | **HackerRank:** 5-star in Problem Solving and Java