

# Prince Kumar

## Software Engineer

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### Professional Summary

Dedicated Software Engineer with a strong academic foundation and hands-on experience in Java and MERN-based full stack development, including RESTful APIs, authentication/authorization, database integration, and application deployment. Possesses strong problem-solving, communication, and team collaboration skills, with a focus on clean code, effective debugging, performance optimization, and rapid adaptation to professional software engineering environments.

### Technical Skills

**Languages:** Java, C++, JavaScript (ES6+), SQL (MySQL), HTML5, CSS3  
**Frontend:** React.js, Redux Toolkit, Framer Motion, Tailwind CSS  
**Backend:** Node.js, Express.js, REST APIs, Microservices, Socket.io, JWT, OAuth  
**Data & Cloud:** MongoDB (Atomic Transactions), Redis, Cloudinary, Vercel, Render, Git/GitHub  
**Specializations:** Salesforce Administration and Payment Gateway Integration

### Education

**Technocrats Institute of Technology** Bhopal, India  
*B.Tech in Computer Science & Engineering; CGPA: 7.8/10* 2023 – 2027  
**Mahanth Ramrup Goswami College** Bettiah, India  
*Senior Secondary Education (12th); Percentage: 69.4%* 2023

### Experience

**Ramraj Technology Solutions Pvt. Ltd.** Bhopal, India  
*Web Developer Intern* Aug 2025

- Developed responsive and reusable frontend components using React.js, Tailwind CSS, and Framer Motion, with debugging and performance optimization.
- Built secure backend APIs using Node.js and Express.js with JWT and OAuth-based authentication, role-based access control (RBAC), HTTPS communication, and cookie-based session handling.
- Integrated MongoDB Atlas and Cloudinary for cloud data and media management, implemented payment flow validation, and supported deployment using Git-based version control.

### Projects

**EduConnect Nexus | Centralized AI Intelligence Platform** GitHub

- Centralized Campus Intelligence: Created a unified platform that uses Generative AI to automate academic and administrative workflows into a single, seamless system with secure, role-based access.
- Autonomous AI Support Layer: Built a Generative AI layer for intent detection and sentiment analysis to automate grievance handling through SLA-based ticket routing and OCR-driven doubt resolution.

**Real Estate Platform | Full Stack & Fintech Integration** GitHub

- Payment System: Integrated Stripe/PayPal API for secure booking deposits, implementing Atomic Transactions in MongoDB to ensure data consistency during concurrent bookings.
- Performance Optimization: Optimized image delivery using Cloudinary and implemented search filters to serve buyers/sellers on a responsive, high-performance UI deployed on Vercel.

### Achievements & Certifications

**Certifications:** Cloud Computing (NPTEL), Machine Learning (NPTEL), IBM Cloud/AI/ML, Java (Infosys), Accenture Forage Simulation.  
**Coding:** Solved 800+ problems on LeetCode and CodeChef.  
**Hackathons:** Participant in 6+ national hackathons; Finalist in Capgemini Brand Quest.  
**Leadership:** Core Developer Community (TDC) member, mentoring juniors in web development.

### Volunteering

**Developer Community (TDC)** 2024 – Present  
*Technocrats Institute of Technology (Excellence), Bhopal*

- Volunteered as a lead developer, building 6+ projects to support student collaboration and mentorship.
- Created interactive platforms fostering innovation and delivering long-term community value.