

PRADEEP GUPTA

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PROFESSIONAL OBJECTIVE

Full Stack Developer with expertise in building scalable web applications using modern technologies. Proficient in **React.js, Node.js, TypeScript, Express.js, and Java** with hands-on experience in developing end-to-end solutions. Specialized in creating real-time applications with Socket.io, implementing secure authentication systems, and designing RESTful APIs. Passionate about delivering clean, maintainable code and creating seamless user experiences across the full development stack.

EDUCATION

Indira Gandhi National Tribal University Amarkantak

Bachelor's in Computer Application

Graduation: 2025

Relevant Coursework: Data Structures & Algorithms, Object-Oriented Programming, Database Management Systems, Software Engineering, Web Technologies

Ramakrishna Vivekananda Vidyapeeth, Bijuri

Class 12 (CBSE) | Class 10 (CBSE)

KEY PROJECTS

AI-Powered ATS Resume Analyzer & Optimization Platform

Technologies: React.js, TypeScript, Node.js, Express.js, MongoDB, Google Gemini AI, Groq AI, Cloudinary, jsPDF

- Developed full-stack AI resume analysis platform with intelligent multi-provider failover (Gemini, Groq, NVIDIA APIs)
- Implemented AI-powered resume enhancement system with single comprehensive API call reducing processing time by 70-85%
- Built context-aware job matching engine using semantic analysis and synonym detection for improved relevance
- Designed detailed ATS scoring system (7 components) with AI-generated specific improvement suggestions and examples
- Integrated Cloudinary for resume storage, pdf-parse/mammoth for document parsing, and A4 PDF generation with professional templates

Mentor Connect - Full Stack Mentorship Platform

Technologies: React.js, TypeScript, Node.js, Express.js, Socket.io, Prisma ORM, SQLite, JWT, Tailwind CSS

- Architected and developed full-stack mentorship platform with role-based authentication for mentors, mentees, and admins
- Built RESTful API backend with Express.js and TypeScript featuring appointment management, user profiles, and rating systems
- Implemented real-time bidirectional messaging using Socket.io with message persistence and unread indicators
- Designed PostgreSQL database schema with Prisma ORM for efficient data modeling and migrations
- Integrated comprehensive security measures including JWT authentication, bcrypt hashing, input sanitization, and rate limiting
- Created responsive React frontend with context API for state management and custom hooks for reusable logic

Music Streaming Platform for Independent Artists

Technologies: React.js, Supabase, JavaScript, CSS3, RESTful APIs

- Developed responsive music streaming platform with dynamic React components and mobile-first design approach
- Implemented RESTful API integration for audio file uploads, metadata management, and real-time music retrieval
- Built reusable UI components including custom audio player, genre filtering, and interactive music library

College Marketplace Platform

Technologies: React.js, Express.js, Node.js, MongoDB

- Led frontend development and product design for MERN stack peer-to-peer student marketplace in collaborative team environment
- Managed complete frontend architecture and UI/UX design while coordinating closely with backend team for seamless API integration
- Defined product features and user experience strategy, making key decisions on functionality and interface design
- Built responsive component library with category-based filtering and search functionality for optimized user experience

PROFESSIONAL EXPERIENCE

Web Development Intern | Bhartintern

1 month | Remote | 2023

- Developed responsive portfolio website showcasing frontend development skills and project implementations
- Built interactive temperature converter application with real-time calculations using vanilla JavaScript
- Gained hands-on experience with modern web development workflows and debugging techniques

TECHNICAL SKILLS

Frontend Development:

React.js, TypeScript, JavaScript (ES6+), HTML5, CSS3, Tailwind CSS, Responsive Design, Vite

Backend Development:

Node.js, Express.js, RESTful APIs, Socket.io (Real-time), JWT Authentication, bcrypt

Databases & ORM:

Prisma ORM, SQLite, MySQL, MongoDB, Supabase, Database Design & Migrations

Development Tools:

Git, VS Code, NPM, Postman, Chrome DevTools, Nodemon, Concurrently

Programming Languages:

TypeScript, JavaScript, Java, SQL

TECHNICAL ACHIEVEMENTS

- ₹10,000 Inspire Award Winner for innovative Women Safety Device with hardware-software integration
- Developed 4 full-stack web applications with authentication, database design, and API implementation
- Built AI-powered resume analyzer with multi-provider failover system using Google Gemini, Groq, and NVIDIA APIs
- Implemented real-time messaging system with Socket.io for bidirectional communication and message persistence
- Led frontend development and product design in collaborative team environment for e-commerce platform

CERTIFICATIONS & LEARNING

- Java Programming Essentials – LetsUpgrade
- Foundations of User Experience (UX) Design – Coursera (Google)
- Web Development Fundamentals – Bhartintern
- Full Stack Development – Self-Study & Project Implementation
- Database Design & SQL – Academic & Industry Projects

CORE COMPETENCIES

Full Stack Development: End-to-end application development from database design to frontend implementation. Experience with modern tech stacks and RESTful architecture patterns.

Real-time Systems: Proficient in building real-time features using Socket.io for bidirectional communication, live updates, and instant messaging capabilities.

Security & Authentication: Implementing secure authentication systems with JWT, bcrypt password hashing, input sanitization, and role-based access control.

Database Management: Designing relational database schemas, writing complex SQL queries, implementing ORM patterns, and managing database migrations.

Problem Solving: Strong algorithmic thinking and debugging skills. Experienced in translating business requirements into technical solutions with clean, maintainable code.