

PRASHANT KUMAR SHARMA

ACADEMIC PROFILE			
Degree/Certificate	Institution	Percentage/CGPA	Year
B-Tech	Ceramic Engineering IIT (BHU), Varanasi	8.61	2027
CBSE (XII)	VBCV, Telco Colony	85.40	2022
CBSE (X)	VBCV, Telco Colony	94.40	2020
SKILLS			
• Programming Languages: C/C++, Python, TypeScript, SQL • Core CS & Algorithms: Data Structures, Algorithms, Computer Networks, DBMS • Web Development: React.js, Flask, FastAPI, REST APIs • Tools & Platforms: Unix/Linux, Git, GitHub, CI/CD, Docker, Firebase			
INTERNSHIP/TRAINING			
Full Stack Developer HiredNext (Recruitment Services)		May 2025 - July 2025	
• Addressed the need for a secure recruitment platform by developing a job portal in React, Python, and Supabase, implementing JWT authentication and RESTful APIs with average response times under 200ms. • Eliminated a manual CV data entry bottleneck by designing an NLP parsing pipeline with spaCy Named Entity Recognition, extracting structured candidate fields at 90%+ accuracy and reducing manual entry time by 95%. • Replaced recruiter-driven candidate screening by building a content-based recommendation engine that scored cosine similarity across TF-IDF vectorized profiles, automating ranking of candidates against each job description.			
PROJECTS			
Multi-Tenant B2B ERP & Business Management Platform		Dec 2025 - Feb 2026	
• Replaced fragmented business tooling for small traders by architecting a 6-service B2B SaaS platform on Node.js, Express, MongoDB, and React, unified by shared JWT auth and versioned REST APIs. • Eliminated manual payroll, GST invoicing, and stock reconciliation across an ERP suite of 23 Express controllers and 28 Mongoose models, using MongoDB transactions and bulkWrite for atomic updates. • Removed reliance on external messaging by building Socket.IO chat with 8 bidirectional events, delivering read receipts, typing indicators, presence tracking, optimistic UI, and 10MB Multer uploads. • Opened company catalogs to public storefronts through an API-key multi-tenant service, hardened with Helmet, express-rate-limit (100 req/15 min), bcrypt hashing, and CORS origin validation. [Github]			
Meeting Analyzer, Holon Ai		April 2025- May 2025	
• Architected an AI meeting-analysis platform using FastAPI and React, implementing a Celery task queue for asynchronous audio analysis, improving API responsiveness by over 95% during long-running transcription jobs. • Built an NLP pipeline integrating AssemblyAI's deep learning ASR to achieve a Word Error Rate (WER) below 8%, leveraging Cohere's LLMs for zero-shot summarization and action-item extraction from raw transcript text. • Persisted transcripts, summaries, and metadata in a SQLite database via SQLAlchemy ORM, and generated downloadable PDF exports of meeting analysis using ReportLab with custom font assets. [Github]			
POSITION OF RESPONSIBILITY			
Events Manager KashiYatra' 26 IIT (BHU), Varanasi		Nov 2025 - Jan 2026	
• Managed 10+ events with 500+ participants, overseeing event completion, logistics, schedules, prize distribution, and end-to-end judge coordination from outreach and calls to invitations and follow-ups.			
Full Stack Developer SLCR (Indo-Danish Partnership) IIT (BHU), Varanasi		Jan 2025 - July 2025	
• Contributed to DSS development (Python, Next.js) with Leaflet visualizations for SLCR's Indo-Danish river project and helped organize community engagement events.			
HONOURS AND ACHIEVEMENTS			
• Selected among Top 250 teams from 2,000+ teams across Top 10 IITs in Microsoft's AI Unlocked Hackathon. • Selected for Stanford Code in Place 2026 from 66,000+ applicants, based on the CS106A curriculum. • Qualified in top 20 in Pulse Hackathon, TechFest, IIT Bombay out of 1000+ participants. • Secured 2nd position in an AI Hackathon organized by DRDO Industry Academia-Centre of Excellence, IIT BHU.			

T: 9430379435 E: prashantkr.sharma07@gmail.com Address: Chhota Govindpur, Gandhi Nagar, Janata Market, Near Railway Station, Purbi Singhbhum, Jharkhand-831015