

Piyush Kumar

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PROFESSIONAL SUMMARY

Full-stack developer specialising in MERN stack with proven ability to build scalable web applications from scratch. Passionate about leveraging modern web technologies to solve complex problems and deliver exceptional user experiences. Quick learner with strong problem-solving skills and a collaborative mindset.

EDUCATION

Veer Kunwar Singh University

Bachelor of Computer Application (BCA), Computer Science

Arrah, Bihar

Expected Graduation: 2026

- Relevant Coursework: Data Structures, Algorithms, Database Management, Web Development

TECHNICAL SKILLS

Languages: JavaScript, Python, HTML5, CSS3, SQL

Frontend: React.js, Next.js, Tailwind CSS, Redux, Responsive Design

Backend: Node.js, Express.js, RESTful APIs, MongoDB, Mongoose

DevOps & Tools: Git, GitHub, npm, Postman, VS Code, Linux

AI/ML: Generative AI, LangChain, OpenAI API, Chatbot Development, Prompt Engineering

Soft Skills: Problem-Solving, Team Collaboration, Quick Learning

PROFESSIONAL EXPERIENCE

Web Development Intern

June

2024

OctaNet Services Pvt Ltd.

Bhubaneswar, Odisha, India

- Developed and deployed responsive web applications using modern JavaScript frameworks and best practices
- Collaborated with cross-functional teams to implement features that improved user engagement
- Optimised application performance through code refactoring and implementing efficient algorithms
- Participated in code reviews and contributed to maintaining high code quality standards

PROJECTS

HireMentis – AI Mock Interview Preparation Platform | Next.js, Vapi, Gemini LLM, SaaS

2025

- Designed and developed a SaaS platform to help job seekers prepare for interviews through AI-driven mock interviews and job listings
- Integrated Vapi voice agent to simulate realistic interview sessions with natural voice interactions
- Leveraged Gemini LLM to generate structured feedback with detailed scorecards and personalised improvement tips
- Built scalable architecture supporting multiple concurrent users with real-time performance analytics

BaatCheet – AI Persona Chat Platform | Next.js, React, Node.js, AI Integration, Responsive Design

2025

- Provided seamless, mentor-like AI experience accessible 24/7 for learners across all device types
- Showcased scalable AI persona architecture with modular logic supporting multiple AI personalities

SpeakinResearch – AI-Powered Employee Directory System | Next.js, Algolia, AI APIs

2024

- Developed clean, scalable AI API routes for a freelance project,
- Understands your needs and connects you with the most relevant experts. Also, find new experts in various fields with all the information, using a web search integrated with LLM support.
- Designed an intuitive UI with synchronised sorting and filtering capabilities powered by Algolia's search engine

Inscribe – Full-Stack Blogging Platform | MERN Stack, JWT, TipTap, Vercel, Render

2023

- Built a full-stack blog application enabling users to create, read, update, and delete posts with rich text editing
- Customised TipTap text editor for a rich, user-friendly writing experience with formatting options
- Implemented secure user authentication with JWT-based login and signup functionality
- Deployed backend on Render and frontend on Vercel, demonstrating modern deployment practices.

CERTIFICATIONS & ACHIEVEMENTS

Full Stack Web Development Certification

2024

Gen AI with Python and JavaScript Certification

2024

Bhartiya Antariksh Hackathon 2025 Participant

2025

- Competed in a national-level space technology hackathon organised by ISRO