RISHIK KUMAR CHAURASIYA

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SUMMARY

Results-driven Full-Stack Developer with hands-on expertise in designing, developing, and deploying scalable web applications and AI-driven solutions. Proficient in MERN stack, Python-based backend systems, and modern cloud technologies. Demonstrated ability to architect microservices, optimize APIs, and deliver production-ready applications. Passionate about leveraging cutting-edge technologies to solve complex real-world problems.

EDUCATION

Indian Institute of Technology, Patna *Expected June 2026*
Bachelor of Science in Computer Science
CGPA: 8.41/10.0

TECHNICAL SKILLS

Languages: JavaScript (ES6+), Python, TypeScript, Java, C++, SQL, HTML5, CSS3
Backend & Frameworks: Node.js, Express.js, Python, Flask, Django, FastAPI, REST APIs, Microservices
Frontend & Libraries: React.js, Next.js, Angular, Tailwind CSS, Bootstrap
Databases: MongoDB, MySQL, PostgreSQL, Redis, SQLite
AI/ML & Data: TensorFlow, Scikit-learn, NumPy, OpenCV, Large Language Models (LLM)
DevOps & Tools: Docker, Kubernetes, Git, GCP, AWS, Vercel, Netlify, Postman
Methodologies: Agile Scrum, System Design, Microservices Architecture, JWT Authentication, CI/CD Pipelines

EXPERIENCE

Backend Developer Intern | *CodeXIntern* | *Remote Jan 2025 – Present*
- Architected and deployed two production-grade full-stack applications serving distinct business domains, demonstrating expertise in end-to-end software development
- Designed and implemented RESTful backend APIs using Node.js, Express.js, and Python-based frameworks with JWT authentication and role-based access control
- Engineered scalable database architectures using MongoDB and PostgreSQL with optimized queries and indexing strategies for efficient data retrieval
- Developed comprehensive API documentation and implemented automated testing for robust backend validation

Full Stack Developer Intern | *GUVI (HCL)* | *Remote May 2025 – Sep 2025*
- Architected and launched Movie Insights, a full-stack web application with real-time movie data integration and personalized recommendations
- Engineered scalable Node.js and Express.js backend with MongoDB integration, designing RESTful APIs for efficient data management
- Developed dynamic React.js frontend with Tailwind CSS, ensuring responsive design across all devices and optimal user experience
- Containerized application using Docker and deployed on Google Cloud Platform (GCP), implementing modern DevOps workflows and infrastructure

Junior Website & App Developer Intern | *SCJ Entertainments* | *Remote Jun 2025 – Aug 2025*
- Contributed to frontend development of company's official brand website, enhancing user engagement and digital presence
- Built fully responsive and interactive UI components using React.js, Bootstrap, HTML5, and CSS3
- Collaborated with design team to translate UI/UX mockups into pixel-perfect, production-ready code

Frontend Web Developer Intern | *Prodesk IT* | *Remote Jun 2025 – Jul 2025*
- Developed 10+ responsive standalone frontend projects demonstrating proficiency in modern web technologies
- Utilized HTML5, CSS3, JavaScript (ES6+), and Tailwind CSS to build user-friendly interfaces and interactive components

PROJECTS

IRMS AI: Incident Risk Management System
Tech Stack: React.js, Node.js, Express.js, MongoDB, TensorFlow, LLM Integration, Docker, Netlify
Live Demo | GitHub Repository
- Developed an AI-driven incident risk management platform with intelligent threat detection and risk scoring
- Integrated Large Language Models (LLM) for automated incident analysis and contextual threat classification
- Implemented real-time risk assessment algorithms using TensorFlow with adaptive scoring mechanisms
- Deployed full-stack application on Netlify with Docker containerization for production-grade reliability
- Designed scalable MongoDB database architecture handling complex incident hierarchies and risk correlations

Job Portal Management System
Tech Stack: Node.js, Express.js, React.js, MongoDB, JWT Authentication, RESTful APIs
GitHub Repository
- Built comprehensive job portal backend with complete CRUD operations for job listings, employer profiles, and job applications
- Implemented JWT-based authentication with role-based access control (RBAC) for employers and job seekers
- Designed RESTful APIs with advanced filtering, searching, and pagination capabilities for scalable job discovery
- Developed responsive React.js frontend with real-time application tracking and user dashboard functionality

Event Management System API
Tech Stack: Python, Flask/FastAPI, PostgreSQL, SQLAlchemy, JWT, Docker
GitHub Repository
- Created robust event management REST API with comprehensive event lifecycle management and participant tracking
- Implemented complex database schema in PostgreSQL for managing events, participants, registrations, and ticketing
- Designed secure authentication layer with JWT tokens and permission-based access control
- Containerized API using Docker for seamless deployment and cross-platform compatibility

Movie Insights
Tech Stack: React.js, JavaScript (ES6+), REST API, Vercel, CSS3
Live Demo |GitHub Repository
- Built dynamic movie discovery web application with real-time data integration from TMDB API
- Implemented component based React architecture with efficient state management using hooks
- Integrated external APIs with error handling and optimized data fetching strategies
- Deployed on Vercel with optimized performance and responsive design for all device types

Edurevise AI
Tech Stack: Next.js, React.js, Tailwind CSS, Vercel
Live Demo |GitHub Repository
- Developed modern landing page for AI-powered educational platform with server-side rendering (SSR)
- Implemented clean, professional UI with Next.js optimization and Tailwind CSS styling
- Ensured full responsiveness across desktop, tablet, and mobile devices

CERTIFICATIONS

- Angular Web Developer Certification (Infosys Springboard)
- Agile Scrum (Infosys Springboard)
- User Experience (UX) (Infosys Springboard)
- TypeScript (Infosys Springboard)
- Bootstrap (Infosys Springboard)
- JavaScript (Infosys Springboard)
- CSS3 (Infosys Springboard)
- HTML5 (Infosys Springboard)
- Python for Data Science (NPTEL)