



Ritesh Kumar

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OBJECTIVE

Passionate software engineer and DevOps enthusiast with experience in web development using JavaScript, HTML, CSS, PHP, Python, and React. Currently pursuing IoT at NIET College. Skilled in cloud computing, FastAPI, AI integration, and security with a strong interest in Zero Trust Cloud Security and scalable backend development.

PROFESSIONAL EXPERIENCE

FLAUNCH EMERGING TECH INTERNSHIP (GEN AI) 10/2024 – 11/2024
Gained practical experience with pre-trained models using Hugging Face and Google Colab. Explored AI-powered solutions through API integration and model fine-tuning. Developed hands-on knowledge of Generative AI concepts and real-world applications.

EDUCATION

Bachelor of Technology in Computer Science and Engineering, 2023 – 2026
Noida Institute of Engineering and Technology Greater Noida
Diploma in Computer Science 2019 – 2022

TECHNOLOGIES

Languages: C, C++, Python, Java, JavaScript	Frameworks: Node.js, Express.js, React.js, Mongoose, Tailwind CSS, Django, FastAPI	APIs & Microservices: RESTful API design, Postman, Insomnia
Cloud Technologies: Google Cloud Platform (GCP), Microsoft Azure, AWS	DevOps Tools: Git, Docker, CI/CD (GitHub Actions), Linux	Databases: MongoDB, SQL, PostgreSQL, SQLAlchemy for Python, Prisma
AI & ML Tools: Google Vertex AI, NLP, Standard ML Algorithms	Mobile & Android Development: Android Studio, Gradle (Build Automation for Android)	

COURSES

Relevant Coursework
Data Structures & Algorithms, Operating Systems, Machine Learning, Software Engineering, Cloud & Edge Computing, Database Management Systems, Web Engineering and Object-Oriented Programming

PROJECTS

SmartNotes-AI Summarizer, *Tailwind CSS, React, TypeScript, Google Vertex AI*
• Engineered an AI-powered note-taking application using React, TypeScript, and Google Cloud Vertex AI for intelligent text summarization
• Built a modern, responsive UI with Tailwind CSS and Framer Motion, integrated with Supabase backend for seamless data management

EtchASketch, *HTML, CSS, Flexbox, JavaScript*
• Implemented dynamic drawing features with color picker, size customization, and real-time user interactions using modern JavaScript
• Created a responsive, cross-browser compatible drawing application with intuitive UI/UX design and smooth animations

CERTIFICATES

Python for Data Science, AI & Development IBM	Zero Trust Certified Associate (ZTCA) Zscaler
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