

# RAKSHIT RAUTELA

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## EDUCATION

### Graphic Era Hill University

Bachelor of Technology in Computer Science and Engineering

Dehradun, India

September 2021 – May 2025

## EXPERIENCE

### Backend Engineer Intern

Eazifunds [↗](#)

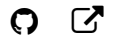
January 2025 – Present

Remote, US

- Developed and deployed a scalable FastAPI backend on AWS Lambda.
- Designed and optimized PostgreSQL database schema, improving query efficiency.
- Implemented AWS Cognito for secure email OTP authentication, enhancing system security.
- Wrote detailed API documentation in Swagger, reducing frontend integration time.

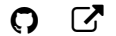
## PROJECTS

### NixArcade | ReactJS, React Native, NodeJS, WebSocket, MongoDB, Solana, Okto SDK



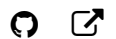
- Developed a real-time multiplayer gaming platform on Solana, handling 200+ active users.
- Integrated WebSockets for low-latency gameplay, enhancing real-time interactions.
- Built and deployed a cross-platform mobile app using React Native.
- Set up CI/CD pipelines on AWS, automating deployments and reducing downtime.

### UnityDocs | Java, Spring Boot, PostgreSQL, Jenkins



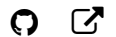
- Built a secure document management system with JWT authentication.
- Developed a REST API for seamless client-server communication.
- Implemented version control for documents, ensuring easy rollback and history tracking.
- Automated deployments with Jenkins CI/CD, improving development efficiency.

### Online Code Editor | ReactJS, NodeJS, MongoDB, Docker, AWS



- Built an online collaborative code editor supporting multiple languages.
- Designed secure code execution in isolated Docker containers, preventing unauthorized access.
- Tracked execution time, memory usage, and handled infinite loops in code execution.
- Deployed on AWS EC2 with auto-scaling, ensuring high availability and performance.

### PixelVision | Python, Machine Learning, Django, Docker, AWS



- Developed a medical image classification web app using CNN models, achieving 90+% accuracy.
- Integrated multiple deep learning models, optimizing classification speed by 30%.
- Deployed on AWS using Gunicorn and Nginx, ensuring high availability and scalability.
- Built a user-friendly frontend for non-technical users to easily upload and analyze medical images.

## ACHIEVEMENTS

### Bug Bounty | Web Application Pentesting - [Hackerone Profile](#)

- Actively finding and reporting security vulnerabilities on major platforms.

### Deep Learning-Based IoT Malware Detection Using CNN and Transfer Learning: A Comparative Study [IEEE](#)

- Researched IoT malware with deep learning (VGG16), enhancing IoT security.