

# RUDRA PRATAP SINGH KUSHWAH

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## TECHNICAL SKILLS

- **Languages:** C/C++, Python, Java, JavaScript/TypeScript, SQL, Swift, Dart, C#
- **Frameworks & Libraries:** React.js, Next.js, Node.js, PyTorch, Scikit-learn, Pandas, NumPy, SwiftUI, Flutter, Flask
- **Developer Tools & Platforms:** AWS (EC2, S3, Lambda, DynamoDB), Docker, Kubernetes, Git, Jenkins, Grafana, Prometheus
- **Databases:** SQL (PostgreSQL, MySQL), NoSQL (MongoDB, DynamoDB), Firebase
- **Core Competencies:** DSA, System Design (HLD/LLD), OOP, Microservices, RESTful APIs, gRPC, CI/CD, Agile/Scrum

## EXPERIENCE

### Software Engineer

May 2025 – Nov 2025

*Intech Systems Pvt. Ltd.*

*Ahmedabad, GJ*

- Develop C# Copilot extension for Nestlé, boosting workflow efficiency **40%** across sales teams.
- Build serverless pipeline with Python and Azure Functions, processing **10K+** records, removing manual errors.
- Implement CI/CD pipeline using GitHub Actions, Docker, Kubernetes, cutting deployment time **30%**.
- **Technologies:** C#, Python, TypeScript, Azure, SQL, gRPC, Bash, Docker, Kubernetes, GitHub.

### Software Engineer Intern

Jun 2024 - Nov 2024

*Translab Technologies Pvt Ltd*

*Bangalore, KA*

- Engineered Java/Spring Boot APIs for ICICI Bank's platform, serving over **2M+** users.
- Slashed API latency by **40%** for a core banking service by optimizing PostgreSQL queries.
- Developed a client-facing dashboard in React.js, shipping a key feature for **HDFC Bank**.
- **Technologies:** Java, Spring Boot, Node.js, React.js, TypeScript, PostgreSQL, AWS, Docker.

### Software Development Intern

Dec 2023 – Jan 2024

*Rudder Soft Pvt. Ltd.*

*Ghaziabad, UP*

- Optimized Flutter widget tree, cutting render time **25%** and improving UX for **1K+ Daily active users**.
- Integrated REST APIs and refined NoSQL flows, reducing query latency **20%**.
- **Technologies Used:** Flutter, Dart, Firebase, MongoDB, RESTful APIs, GraphQL.

## PROJECTS

### GPT-Based Spam Detection Model

Jan 2025 - Mar 2025

Python, PyTorch, Transformers, NLP — [GitHub](#)

- Implemented a GPT-2 (small) model entirely from scratch, including Transformer blocks, tokenizer, and training pipeline.
- Engineered custom multi-head attention and Byte Pair Encoding, improving convergence by **20%**.
- Attained **97.5%** validation and **95.7%** test accuracy, demonstrating strong generalization capabilities.

### Personal Portfolio Website

Nov 2024 - Dec 2024

HTML5, CSS3, JavaScript, WebGL2 — [Live Demo](#)

- Built 3D portfolio with WebGL2, optimizing loaders/shadow mapping for **30%** faster rendering.
- Developed in-app Command Line Interface for live 3D model editing, cutting iteration cycles by **50%**.

## ACHIEVEMENTS

- **Competitive Programming:** Solved **550+** problems on [CodeChef](#), [Codeforces](#), and [LeetCode](#). Achieved a peak rating of **1900** on LeetCode, ranking in the **Top 2%** globally.
- **Educational Content Creator** ([Link](#)): Started a YouTube channel simplifying coding and DSA problems.

## EDUCATION

### Kalinga Institute of Industrial Technology

Bhubaneswar, Odisha

*Bachelor of Technology in Computer Science and Engineering*

*Sep 2021 - May 2025*