

# Yuvraj Kapri

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GitHub: [github.com/bottle121user](https://github.com/bottle121user) | [LinkedIn](#) | [LeetCode: 1600+ Rating](#)

## Professional Summary

Results-driven Computer Science Engineering student with 3+ years of software development experience. Proven expertise in full-stack web development, machine learning algorithms, and cloud infrastructure. Achieved 85%+ ML model accuracy on 10,000+ data points and deployed scalable applications serving 1000+ concurrent users. Strong competitive programmer with LeetCode 1600+ rating and 500+ solved problems.

## Technical Skills

Programming Languages	Python, Java, C++, JavaScript, TypeScript, C, SQL, Solidity, HTML5, CSS3
Frameworks & Libraries	React.js, Node.js, Express.js, Django, Flask, TensorFlow, Scikit-learn, Pandas, NumPy
Databases & Storage	PostgreSQL, MongoDB, MySQL, Firebase, Redis, NoSQL
Cloud & DevOps	Google Cloud Platform (GCP), Amazon Web Services (AWS), Docker, Kubernetes, CI/CD Pipelines
Tools & Technologies	Git, GitHub Actions, NGINX, Prometheus, Grafana, Jenkins, Postman, Jupyter, VS Code
Specializations	Machine Learning, Natural Language Processing, Blockchain, Microservices, REST APIs, System Design

## Education

Bachelor of Technology in Computer Science & Engineering	CGPA: 8.0/10.0	Sep 2021 – Jun 2025
Graphic Era Hill University, Uttarakhand		
Relevant Coursework: Data Structures & Algorithms, Database Management Systems, Operating Systems, Computer Networks, Software Engineering, Machine Learning, Compiler Design, System Design		

## Technical Projects

**AI-Powered Resume Screening System** | *Python, Flask, Scikit-Learn, MongoDB, Docker, GCP* Feb 2025 – May 2025

- Engineered machine learning classification system processing 10,000+ resume samples with 85%+ accuracy using TF-IDF vectorization and Logistic Regression algorithms, reducing manual screening time by 70%
- Architected scalable REST API backend with Flask framework, implementing MongoDB for metadata storage and SHAP library for model explainability, achieving 200ms average response time
- Deployed containerized microservices on Google Cloud Platform App Engine with automated CI/CD pipelines, supporting 1000+ concurrent requests with 99.9% uptime and auto-scaling capabilities

**Enterprise Password Manager Platform** | *React, Node.js, PostgreSQL, Docker, NGINX* Jan 2025 – May 2025

- Developed full-stack security application with AES-256 encryption, JWT authentication, and bcrypt password hashing, securing 1000+ user credentials with zero security breaches
- Built responsive React.js frontend with real-time password strength validation and secure vault interface, achieving 40% faster user onboarding compared to legacy systems
- Implemented containerized microservices architecture using Docker and NGINX load balancing, integrated Prometheus and Grafana monitoring stack achieving 99.95% availability

**Decentralized Blockchain Voting System** | *Solidity, Truffle, Web3.js, Ethereum, React* Apr 2024 – Jul 2024

- Built immutable voting platform using Ethereum smart contracts with SHA-256 cryptographic hashing and RSA digital signatures, ensuring 100% vote integrity and transparency
- Optimized smart contract gas consumption by 30% through efficient algorithm design, achieving 97.9% transaction validation accuracy with sub-second confirmation times
- Developed responsive Web3.js frontend interface enabling seamless blockchain interaction, delivering 50% faster API response times and improved user experience

## Achievements & Leadership

- Competitive Programming:** LeetCode 1600+ rating with 300+ solved problems across Easy, Medium, Hard difficulties; 1000+ submissions on CodeChef, Codeforces, GeeksforGeeks
- Hackathon Excellence:** DevJam 2023 Finalist among 500+ teams; Flipkart Grid 5.0 Semifinalist (Top 1% of 10,000+ participating teams nationwide)
- Contest Performance:** Achieved Top 5% ranking in CodeChef Starters 102 competition among 95,000+ global participants, demonstrating consistent algorithmic problem-solving skills

## Certifications & Profiles

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**Technical Certifications:** Google Cloud Professional Developer (In Progress), AWS Solutions Architect Associate (Preparing)

**Coding Profiles:** [LeetCode: 1600+ Rating](#) | [GeeksforGeeks](#) | [GitHub: 15+ Repositories](#)