

# VIVEK YADAV

Ballia, Uttar Pradesh, India

• [iamvivekyadav2003@gmail.com](mailto:iamvivekyadav2003@gmail.com) • [linkedin.com/in/flyervivek/](https://www.linkedin.com/in/flyervivek/) • <https://flyervivek.netlify.app/>

## EDUCATION

### Chandigarh University

Bachelor of Engineering

Major in Computer Science, Minors in Mathematics

CGPA: 7.71/10

Relevant Coursework: DevOps, Backend Development, Frontend Development

Mohali, Punjab, India

Nov 2021 – July 2025

### KIIT Higher Secondary School

Stream: Science

Percentage: 91.16

Bhubaneswar, Odisha, India

Jul 2020 – June 2021

### Maharishi Vidya Mandir School

Percentage: 85.5

Angul, Odisha, India

May 2018 – May 2019

## SKILLS, CERTIFICATES, LANGUAGES

- **Programming:** Java, Golang, JavaScript, Python, C++
- **Technologies/Frameworks:** React, NodeJS, Express, MongoDB, HTML/CSS, Restful API's, GraphQL, AWS, Git and GitHub, Docker, Kubernetes, Jenkins, Terraform, Ansible, PostgreSQL, Helm, SonarQube, Nexus, ArgoCD, Github Actions, Trivy, OWASP Dependency, Shell Scripting, Grafana, Prometheus
- **Concepts:** Data Structures, Algorithms, OOP's, Computer Networks, Operating Systems, DBMS
- **Interpersonal:** Active Listening, Adaptability, Effective Communication, Networking, Problem Solving, Conflict Resolution, Collaborative.
- **Certifications & Training:** NPTEL: IoT (Gold), Coursera: IBM Full Stack Software Developer.
- **Languages:** Fluent in English, Native in Hindi.

## TRAINING & PROJECTS

### Build a Real-Time Chat App with Golang and React

July 2024

- Developed a real-time chat application using Golang for the backend to manage connections, handle messages and React for the frontend.
- Utilized the net/http package in Golang to create the server and handle API requests efficiently.
- Integrated WebSocket's to enable real-time communication between the client and server.

### Building a Golang Application with PostgreSQL

June 2024

- Developed a comprehensive tutorial on connecting Golang with PostgreSQL, encompassing database creation and environment configuration.
- Created a step-by-step guide on setting up a Golang project with PostgreSQL, demonstrating essential CRUD operations.
- Utilized the Gorilla Mux package for efficient route handling, improving the overall development experience.

### AWS Deployment with Terraform, Jenkins, and Python Flask

April 2024

- Developed a DevOps pipeline deploying a Python Flask REST API on AWS.
- Utilized Terraform for managing AWS infrastructure including VPC, subnets, and route tables.
- Implemented Jenkins for CI/CD automation, ensuring seamless integration and delivery.
- Leveraged AWS for scalable and secure application deployment and scaling.

### News Web App (React.js, JavaScript, API Integration, React-router-Dom)

May 2023

- Designed and implemented latest News using Newsapp API.
- Implemented Infinite Scroll and a News Loader feature, allowing users to continuously browse and load news articles without the need for manual pagination.
- Leveraged API integration to fetch and display news content in real-time, providing users with up-to-date information from trusted sources.