VIVEK YADAV

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EDUCATION

Chandigarh University   Mohali, Punjab, India
Bachelor of Engineering   Nov 2021 – July 2025
Major in Computer Science, Minors in Mathematics
CGPA: 7.77/10
Relevant Coursework: DevOps, Backend Development, Android Development

KIIT Higher Secondary School   Bhubaneswar, Odisha, India
Stream: Science   Jul 2020 – Nov 2021
Percentage: 91.16

Maharishi Vidya Mandir School   Angul, Odisha, India
Percentage: 84.5   May 2019

SKILLS, CERTIFICATES, LANGUAGES

- **Programming**: Java, Kotlin, Javascript, Python , C++
- **Technologies/Frameworks**: React, NodeJs, Express, MongoDB, HTML/CSS, Restful API's, AWS, Git and Github, Docker, Kubernetes, Jenkins, Terraform, Android Studio, Jetpack Compose
- **Concepts**: Data Structures, Algorithms, OOP's, Computer Networks, Operating Systems
- **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.

UNIVERSITY PROJECTS / EXPERIENCES

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.

Gemini Bro (Kotlin, Gemini API, Jetpack Compose)   Feb 2024
- Gemini Bro is an innovative Android app built with Kotlin and Jetpack Compose, designed to revolutionize the way users communicate through images.
- Leveraging the power of the Gemini API, this app seamlessly integrates image recognition and chat functionalities, offering a unique and interactive messaging experience.
- The API allows the app to recognize objects, scenes, and context within images, facilitating intelligent and relevant responses.

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.