

AYUSH KUMAR DOKANIA

SOFTWARE DEVELOPER

+91-9264243720 ayushdokania007@gmail.com LinkedIn GitHub Portfolio LeetCode

Experience

ConveGenius

Jun 2024 - Present

Software Development Engineer 1

Noida

- Built and maintained features in ShiftChat and Pal Fusion using MVVM architecture, Jetpack Compose, and Kotlin.
- Designed and developed 50+ UI screens and core features in Pal Fusion from scratch, delivering within tight deadlines.
- Integrated Firebase Analytics and Crashlytics for real-time crash tracking and user behaviour analysis.
- Resolved 70+ bugs and fixed 10+ ANRs and Crashes, improving system stability and user experience by 30%.
- Collaborated with cross-functional teams including QA, Backend, and Product for feature rollouts.

ConveGenius

Jan 2024 - May 2024

Jr. Software Engineer Intern

Noida

- Developed a ShiftChat mini-app for teachers to evaluate performance and process 100+ OMR answer sheets.
- Created a Unity-based 3d learning project, providing a gamified study experience with interactive, labelled models.
- Gained experience with Android SDK, LiveData, and data binding in production apps.

RobozX

Oct 2021 – Nov 2021

App Developer Intern

WFH

- Engineered an app for doctors to manage patient history and monitor bite pressure, serving 50+ doctors.
- Implemented features for tracking bite pressure and prescribing medicines, improving workflow efficiency by 50%.
- Acted as Scrum Master for a team of 7, facilitating sprint planning, standups, and timely feature delivery.
- Utilised SQLite for local data storage to ensure efficient offline access.

Education

National Institute of Technology Delhi

Dec 2020 – May 2024

Bachelor of Technology in Electronics and Communication Engineering

7.33/10

Diksha International School, Bhagalpur

Apr 2018 – May 2020

AISSCE - CBSE

93%

Projects

Deepfake Detection | Python

Apr 2021 – Aug 2021

- Co-authored a research paper titled “Eyes Say It All: Deep Fake Detection Method Analysis Using Different Metrics” (Published by SpringerLink). [Paper Link](#)
- Designed a Python-based deepfake detection method using eye reflection as a feature.
- Analysed the effectiveness of using eye reflection for detecting deepfakes using different metrics such as SSIM, MSE, IoU. Achieved accuracy of 90% based on SSIM

IEEE Conference NITD | React.Js, Bootstrap [Code](#)

Apr 2023 – Jun 2023

- Built and deployed the official IEEE Conference NITD website using React.Js, enabling 1,200+ researchers to access event info, submit papers, and track deadlines.
- Implemented secure, user-friendly submission modules with real-time updates and easy navigation.
- Led end-to-end development including planning, React architecture, reusable components, and deployment.

URL Shortner | NodeJs, ExpressJs, MongoDB, JWT, EJS [Code](#)

Mar 2025 – Apr 2025

- Developed a full-stack web application to shorten and manage URLs, improving usability by 80% for lengthy links.
- Designed secure user login/signup with JWT authentication and session management.
- Built personalized user dashboards with real-time analytics (clicks, history, shortID).
- Utilised MongoDB to store and manage user and URL data efficiently, supporting scalability for 1000+ records.

Technical Skills

Programming Languages: Kotlin, C, C++, Python, JavaScript

Technologies/Frameworks: NodeJS, ReactJS, ExpressJS, TailwindCSS, HTML5, CSS, Jetpack Compose, XML

Databases/Version Controls: MySQL, MongoDB, Firebase, Git, Github, Gitlab

ACCOMPLISHMENTS

- Achieved Top 10 rank among 650+ teams in ENCODE, IIT Guwahati
- Secured Global Rank: 368 and Region Rank: 164 in the Meta Global Hackathon 2022
- Captain of the Table Tennis Team, represented NIT Delhi at the Inter-NIT Sports Tournament
- Served as Head of the Technical Team for the Unnat Bharat Abhiyan Cell, NIT Delhi
- Scored 99.08 percentile in JEE Mains entrance exam