

# Dhiraj Kushwaha

## Full-Stack Software Engineer

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## Professional Summary

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Full-Stack Software Engineer with experience building scalable web and mobile applications, secure backend systems, and real-time features using modern JavaScript frameworks and cloud-native architectures. Proven ability to deliver production-ready solutions, optimize performance, and collaborate across cross-functional teams.

## Skills

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**Programming Languages:** C++, C, JavaScript (ES6+), TypeScript, Python

**Frontend Engineering:** React.js, Next.js (App Router), React Native, Flutter, TypeScript, Tailwind CSS, shadcn/ui

**Backend Engineering:** Node.js, Express.js, REST APIs, tRPC, JWT Authentication, OAuth2, WebSockets

**Databases:** MongoDB, PostgreSQL, Prisma, Drizzle ORM

**DevOps & Deployment:** Docker, CI/CD Pipelines, AWS EC2, Nginx, GitHub Actions

**State Management:** TanStack Query, Redux Toolkit, Zustand

**Animations & Graphics:** GSAP, Three.js, Locomotive Scroll, WebGL

## Experience

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### Software Developer — Meta Integrate 360 Media LLP

June 2025 – Dec 2025

Mumbai, India (Remote)

- Worked as a **full-stack developer** building cross-platform mobile applications using **Flutter** and modern web applications using **Next.js**.
- Delivered **end-to-end features** including frontend development, backend API integration, and deployment-ready builds.
- Built **high-performance, animation-rich UIs** using **GSAP** and **Three.js**.
- Integrated **RESTful APIs**, managed asynchronous data flows, and improved runtime performance across platforms.
- Collaborated with designers, backend engineers, and QA to ship **production-grade features** under tight deadlines.

### Full-Stack Developer — Freelance

Aug 2022 – Present

Freelancer.in

- Engineered **scalable full-stack applications** serving 1K+ users using **React.js**, **Next.js**, and **Node.js**.
- Designed and implemented **secure backend systems** with **JWT authentication**, **OAuth2**, and **role-based access control (RBAC)**.
- Built **real-time features** using **WebSockets** and optimized response times with caching strategies.
- Delivered **modular, maintainable architectures** using **Prisma**, **Drizzle ORM**, and SQL/NoSQL databases.
- Developed **performance-optimized, animation-rich interfaces** using **GSAP**, **Three.js**, and modern frontend tooling.

### Full-Stack Developer & Maintainer — IIIT Kota Alumni Cell

June 2025 – Present

<https://alumni.iiitkota.ac.in/>

- Led the **end-to-end development and ongoing maintenance** of the official Alumni Cell platform using the **MERN stack**.
- Architected a **secure backend** with **JWT-based authentication**, **RBAC**, and **Multer + Cloudinary** for file uploads.
- Built a **modular React frontend** with reusable components, protected routes, and admin dashboards.
- Developed a **comprehensive admin portal** to manage alumni profiles, approvals, and platform activity.
- Deployed and maintained a **production-ready system** improving operational efficiency and engagement.

## Projects

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### Flutter App Development

[Play Store Link](#)

Preview/Demo: <https://dhirajkushwaha.com/projects/neumind-80z>

- A **full-stack mobile application** built with **Flutter** and **Django** to digitize a campus canteen, streamlining the **food ordering and management process**.
- **Technical Stack:** Flutter, Dart, Django, Django REST Framework, PostgreSQL, Razorpay API, **AWS EC2** for deployment.
- Implemented the **Razorpay payment gateway** for **secure, seamless in-app transactions**.
- Designed a **real-time stock management system** enabling canteen staff to update item availability dynamically.
- Built a **dedicated admin portal** for **order fulfillment, delivery tracking**, and handling **customer inquiries**.

### UTO Solutions - Frontend Development in Nextjs

[Visit Webpage](#)

- Engineered an immersive, animation-rich user experience by leveraging GSAP for intricate timelines, Three.js for 3D visuals, and Locomotive Scroll for dynamic scroll effects and seamless transitions, creating a narrative that reflects the company's focus on turning complex media pipelines into clarity.
- Optimized performance and responsiveness across all devices using TypeScript for type safety and leveraging React 19 and Next.js best practices, ensuring the site itself demonstrated the high-performance outcomes central to UTO's brand identity.

### AnotherIdea Productions Front-end Development in Nextjs

[Visit Website](#)

- Developed the interactive and animated front-end for AnotherIdea Productions, a Mumbai-based full-service production house specializing in marketing, graphic design, website development, and video production.
- Technologies Used: Next.js, GSAP, and Locomotive.

### TykePe Front-end Development in Reactjs

[Visit Website](#)

- Developed a seamless and interactive front-end for TykeInvest, an investment platform catering to modern investors in India.
- Technologies Used: React.js, GSAP, and Locomotive.

## Education

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### Indian Institute of Information Technology, Kota

*Aug 2024 – May 2028*

*B.Tech in Artificial Intelligence and Data Engineering*

- **Coursework:** Data Structures and Algorithms, Operating Systems, Computer Architecture, Design and Analysis of Algorithms, Web Technologies

## Hackathons & Achievements

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- **InnoHacks 2.0 (NSUT Delhi):** First Runner-Up among 125+ teams.
- **ML Codefest (IIT Jodhpur – Prometeo):** Secured 2nd Place among 518+ teams.