

Ankit Kumar

Software Engineer - Application Developer | 3 Years of Experience

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WORK EXPERIENCE

Software Development Engineer

[Zalon](#)

📅 April 2024 – Present

📍 Gurugram, India

Applications: 🌐 Zalon.in 🤖 Android 🍏 iOS 💻 ZBills.in (POS)

- **Core Technologies:** Next.js (Client App) | Flutter | Angular (Admin Side) | Node.js | Express | AWS - EC2, ECR, S3, CloudFront, SNS, etc | Docker | MongoDB | Redis | RabbitMQ | JWT | ElasticSearch | JS/TS | Python | Firebase | Docker | Flutter (GetX & Shorebird OTA) | CI/CD.
- Developed and maintained the e-commerce web application ([Zalon.in](#)) using **Next.js (React)** for dynamic front-ends and Server-Side Rendering (SSR).
- Managed and scaled **14+ microservices** written in **Node.js/Express**, optimizing back-end APIs to reduce latency by **99.6%** (from 18s to 63ms).
- Architected and deployed production infrastructure using **AWS** (EC2, ECR, CloudFront, S3), resulting in **zero downtime** across **1,700+** deployments.
- Engineered a scalable **Microservices** architecture using **Node.js/Express** and **Mongoose/MongoDB** to consolidate the backend for all client apps (**Next.js, Flutter, Angular**). Optimized performance and reliability through **RabbitMQ** (asynchronous flow), **Redis** (caching), Cron Jobs, and secure **JWT/OAuth** authentication.
- Drove operational efficiency by writing **150+ Python** scripts to automate infrastructure monitoring, WhatsApp notifications, and MongoDB-based reporting tasks.
- Directed the development of 4+ key applications (B2B, POS, Sales) in **Flutter** and **Angular**, contributing to the main iOS/Android apps which scaled to **25K+ downloads** and **10K+ monthly active users**.

Junior Mobile Developer

[Techtonic](#)

📅 September 2023 – April 2024 📍 Ghaziabad, India

[Ecollat](#) 🤖 Android 🍏 iOS

- **Flutter** | **Firebase** | **Bloc** | **REST API** | **Hive**
- Led development of a **cross-platform invoice management app (Flutter + Bloc)** for a SaaS platform (trusted by MNCs like Kohler/Jaquar), enhancing **security/performance** and improving user engagement by **30%**.
- Optimized key modules to achieve **100% crash-free sessions** and boost user retention by **21%**, contributing to a **4% monthly increase in billables** and **70+ user acquisitions**.

Software Development Intern

[Tekniko](#)

📅 June 2023 – September 2023 📍 Noida, India

[Student Tribe](#) 🤖 Android 🍏 iOS

- **Flutter** | **Firebase** | **GetX** | **REST API**
- Rewrote & deployed a student platform offering internships, events, networking, and exclusive St.coins benefits, achieving **100K downloads** with **12 Min avg. user engagement**.
- Implemented real-time updates, article feeds, and group buy-in features to enhance student engagement and experience.

EDUCATION

B.Tech. CSE

2019 – 2023

Lovely Professional University, Punjab

Higher Secondary

2018

D.A.V. Public School, New Delhi

PROJECTS

[AI-Course Platform - gksage.com](#)

- **React** | **Node.js** | **Express** | **MongoDB** | **Docker** | **AWS** | **Google GenSKD** | **Langchain**
- Developed a **full-stack, AI-powered** learning platform to auto-generate **courses** with **rich media**, interactive **quizzes**, and **flashcards**.
- Built a scalable backend with **Node.js, Express**, and **MongoDB**, featuring a secure **REST API**, **JWT authentication**, **social logins**, and integrated **Google's Gen AI SDK**.
- Created a dynamic, responsive frontend with **React, TypeScript**, and **Tailwind CSS**, and **Shadcn UI** for components.
- Deployed the application using a **Docker** and **Docker Compose** pipeline, automating deployments via **Github-Action** to **AWS EC2** from **Docker Hub**.
- Integrated **payment gateways** like **Razorpay** and **Flutterwave** and built a **subscription system**.

TECHNICAL EXPERIENCE

Languages: JavaScript, Python, Dart, TypeScript, SQL

Dev: Flutter, React - Next.js, Angular, Provider, Firebase, Hive,

Testing: Unit Testing, Integration Testing, UI Testing, Debugging, DevTools

Backend: Node & Express.js, Flask, FastAPI, REST APIs, Authentication, RBAC, GraphQL

Data & DSA: RDBMS, MongoDB, Redis, PostgreSQL, Data Structures, Algorithms, Problem Solving, OOPS

Cloud & DevOps: AWS (EC2, S3, SNS, WAF), Firebase, GitHub Actions, Docker, CI/CD, OTA Updates

Tools & Methodologies: Git, GitHub, Postman, Figma, Linux, Shell, Agile, SDLC, VS Code

ACCOMPLISHMENTS

- **AWS Certified Cloud Practitioner** 📜 (Jan 2025 - Jan 2028)
Credential ID:
[ec77d3714b3648879b5b5897d50d948b](#)
- Got more than **7 million views** on my 65+ technical articles on GeeksforGeeks [Articles Link](#)