

# Ashish Ekka

## Software Engineer

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## EXPERIENCE

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### Truecaller

Aug 2021 - Present

Software Engineer - Android

Bangalore, KA

- Implemented Truecaller's Message ID feature (Caller ID for messages) for categories like Travel and OTP messages, with an astonishing 350M+ impressions/day.
- Built a number of Smart SMS features within Truecaller's Inbox segment for more than 80M+ daily active users.
- Optimized the startup performance for the patented parser library, decreasing the initialization time by 30%.
- Implemented a powerful CTA detection feature for messages using the patented parser library to identify and provide meaningful CTAs to phone numbers, URLs, email addresses, UPI addresses, PNRs, date-time, etc.
- Built an infra for over-the-air delivery and consumption for various Machine Learning models on the device.
- Deployed backend services for identifying promotional/fraudulent IMs to warn and protect users.

### GlobalLogic (Hitachi Group)

Jul 2019 - Jul 2021

Software Engineer

Nagpur, MH

- Owned modules like Player UI and Parental Controls for Verizon Stream TV home launcher app.
- Implemented an efficient FWD/REW (Trick Play) functionality, improving the rendering of thumbnails by 60%.
- Reduced the CPU overhead during the app startup flow by 30%, reducing app launch time considerably.

### WoodFlake

Jun 2018 - Jul 2018

Web Development Intern

Indore, MP

- Increased the efficiency of the web services by 25% by implementing RESTful APIs using the event-driven architecture in Node JS on top of Express, Sequelize, and JWT to replace the existing LAMP-based architecture.
- Deployed the web services to AWS EC2 clusters and S3 buckets. Also developed an admin dashboard in Vue JS.

## PROJECTS

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### K8 (Kate)

- A multiplatform Chip8 emulator written in Kotlin. Supports Android, Desktop (Windows, Mac & Linux), and Web.
- **Tech Stack:** Kotlin Multiplatform, Kotlin Coroutines, Jetpack Compose.

### Skies

- A minimal & beautiful cross-platform weather app made in React Native. Available on the [Google Play Store](#).
- **Tech Stack:** React Native, Redux, Redux-Saga, React Navigation, Axios, Here Maps, and DarkSky.net APIs.

### Aceso

- Web app to diagnose the mental health of the students; demonstrated at Smart India Hackathon - 2018 (Noida).
- **Tech Stack:** Node JS, Express, MongoDB, EJS, Passport JS.

## EDUCATION

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Bhilai Institute of Technology | 8.48/10.0

Aug 2015 - May 2019

B.E. Computer Science

Durg, CG

- Coursework: Data Structures & Algorithms, Programming Languages, Operating Systems, Databases, Computer System Architecture, Compiler Design, Computer Graphics, and Discrete Mathematics.

## SKILLS

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- **Languages:** Kotlin, Java, Scala, JavaScript, TypeScript, HTML/CSS, XML, Bash, C, C++
- **Technologies:** Git, Android SDK, React JS/Native, Express, SQLite, MariaDB, MongoDB, Linux,  $\text{\LaTeX}$