

# Ashish Ekka

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## EXPERIENCE

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### Truecaller

Software Engineer - Android

Aug 2021 - Present

Bangalore, KA

- Built a number of Smart SMS features for more than 80M+ daily active users.
- Optimized the startup performance for the patented parser library, decreasing the initialization time by 30%.
- Built an infra for over-the-air delivery and consumption for various Machine Learning models on the device.

### GlobalLogic (Hitachi)

Software Engineer

Jul 2019 - Jul 2021

Nagpur, MH

- Owned modules like Player UI and Parental Controls for the Verizon's OTT app.
- Implemented an efficient FWD/REW (Trick Play) functionality, performing 60% better than the competition by optimized caching and downloading 500+ images.
- Reduced the CPU overhead during the app startup flow by 30%.

### WoodFlake

Web Development Intern

Jun 2018 - Jul 2018

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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### NESKot

- NES Emulator for Android written in Kotlin. Emulates the NES's 6502 CPU, Cartridge, and the PPU (In Progress).
- **Tech Stack:** Kotlin, Dagger, Coroutines, OpenGL, IGDB APIs.

### 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.
- Implemented 3 psychological tests, with a detection rate of 70% by working closely with medical professionals.
- **Tech Stack:** Node JS, Express, MongoDB, EJS, Passport JS.

## EDUCATION

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### Bhilai Institute of Technology | 8.48/10.0

B.E. Computer Science

Aug 2015 - May 2019

Durg, CG

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

## AWARDS

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- **Eminence Award**, Jun 2021 - Awarded in Q4 FY21; for stellar performance in delivering critical modules.
- **30 Hacks - Winner**, Aug 2019 - Won the 30 Hacks Hackathon organized by GlobalLogic.

## SKILLS

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- **Languages:** Kotlin, Java, JavaScript, TypeScript, HTML/CSS, Bash, C, C++
- **Technologies:** Git, Android SDK, React JS/Native, Express, MySQL, MongoDB, Linux,  $\LaTeX$