

# Ashish Ekka

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## EXPERIENCE

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### GlobalLogic

Software Engineer

Jul 2019 - Present

Nagpur, MH

- Worked on the OTT Android TV application for one of the world's largest telecom providers, Verizon. Owned critical consumer facing features like Player UX and Parental Controls. Also co-worked on Transactions and Asset Info.
- Optimized caching and downloading of over 500+ thumbnail images during individual playback sessions, thereby reducing the thumbnail retrieval time by over 60% required for FWD/REW (Trick Play) functionality.
- Implemented features using the MVVM architecture built on top of Dagger, Coroutines, Retrofit, and WorkManager.
- Designed & implemented internal products using React JS/Native for web and cross platform mobile apps.

### WoodFlake

Web Development Intern

Jun 2018 - Jul 2018

Indore, MP

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

## PROJECTS

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### NESKot

- An 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

- A system designed to assess the mental health of the students. Presented at Smart India Hackathon - 2018.
- Implemented 3 psychological tests, with detection rate of 70% by working closely with medical professionals.
- **Tech Stack:** Node JS, Express, MongoDB, EJS, Passport JS.

### ROFA

- A password management desktop app made using Java SE. **Tech Stack:** Java, Swing, Apache Commons.

## AWARDS

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- **Eminence Award, Jun 2021** - One of the top 12 performers in the organisation (8000+ employees) for FY'21-Q4.
- **Spot Award, Sep 2020** - For building core features essential for the initial release of the project.
- **30 Hacks - Winner, Aug 2019** - Won the 30 Hacks Hackathon organized by GlobalLogic nationwide (50+ teams).

## 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, ~~TeX~~