

Ashish Ekka

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EXPERIENCE

GlobalLogic

Jul 2019 - Present

Software Engineer

Nagpur, MH

- Worked on the OTT Android TV launcher application for one of the world's largest telecom providers - Verizon.
- Owned critical features like Player UX and Parental Controls. Also worked on Purchase & Transactions.
- Improved the thumbnail retrieval process during FWD/REW (Trick Play) functionality by 60% by implementing an efficient Glide integration algorithm for caching and downloading 500+ images in every playback session.
- Reduced the CPU overhead during the app startup flow by about 30% by writing a WorkManager implementation to intelligently schedule various background tasks with an efficient retry strategy in case of failure.
- Implemented features using the MVVM architecture on top of Dagger2, Coroutines, Retrofit, and Jetpack Libraries.
- Designed & implemented internal products using React JS/Native for web and cross-platform mobile apps.

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

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

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.

AWARDS

- **Eminence Award, Jun 2021** - Awarded in Q4 FY21; for stellar performance in delivering critical modules.
- **Spot Award, Sep 2020** - A monthly award; awarded for significant contribution in the project's initial release.
- **30 Hacks - Winner, Aug 2019** - Won the 30 Hacks Hackathon organized by GlobalLogic.

SKILLS

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