Chandrashekar Dasari

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Education

The University of Texas at Arlington   Arlington, TX
M.S. Computer Science, 3.54 GPA   Jan 2021 - Dec 2022
- **Leadership**: Mobi - Software development club (Vice-President), SASE (Conference Chair)
- **Relevant Coursework**: Machine Learning, Database Systems, Data Mining, Advanced Algorithms

Visvesvaraya Technological University   Mysore, India
B.E Computer Science   Aug 2016 - July 2020
- **Relevant Coursework**: Operating Systems, Object Oriented Concepts, Software Architecture and Design Patterns

Work Experience

HBO Max — Warner Bros. Discovery   Seattle, WA
Software Engineer Intern   Jun 2022 - Aug 2022
- Designed and implemented in-app notifications settings on new redesigned iOS and Android app used by 70M users
- Developed AWS Lambdas and Step Function to efficiently handle changes in language preferences and localization of in-app notifications and emails for 61 territories
- Researched and Integrated experimental features utilizing Optimizely into an API allowing developers to add and remove feature flags easily on client side iOS and Android Apps

HBO Max — WarnerMedia   Seattle, WA
Software Engineer Intern   Jan 2022 - Apr 2022
- Refactored legacy code and automated message alerts for fraudulent accounts by building a microservice in Node.js and TypeScript impacting 300k accounts/month on average
- Spearheaded a proof of concept for a new end-to-end typesafe API to create and modify email campaigns for marketing
- Created unit tests and integration tests for new microservices and client apps using Jest with a 98% code coverage

University of Texas at Arlington   Arlington, TX
Web Developer (Part-Time) — IT of Operations   May 2021 - Dec 2021
- Upgraded and redesigned decade old websites using React into responsive pages used by 5000+ active users
- Improved web performance for webpages by 20% with Sitecore CMS and deployed it on AWS EC2 instances
- Designed and contributed to web design system using Figma with 60 components that are reused across university pages

Projects

Finger Gesture Youtube Controller   CSE Research
TypeScript, NodeJS, React, NextJS, Python, Tensorflow.js, Netlify
- Led team of 4 students with professor in researching ML based approach in identifying finger gestures
- Developed finger pose classifier to detect hand landmarks with over 95% accuracy to control youtube video player

SeeCode: Multiplayer Whiteboard Tool   Personal Project
TypeScript, React, Next.js, TailwindCSS, Jest, Vercel
- Implemented multiplayer whiteboard application in Next.js to allow 20+ users to collaborate in the same canvas
- Leveraged liveblocks API to synchronize application state between users, enabling them to edit the same data in real-time

NFC Event Tracker   Cyber Security Club
JavaScript, React Native, Git, React, TailwindCSS, Raspberry Pi, NFC reader/writer
- Overhauled UTA's Event Tracking App for iOS and android using React Native for over 500 active users in 8 student clubs
- Assembled and setup Raspberry Pi with a NFC reader and writer to act as the kiosk for 500+ NFC cards used by members

Skills

Language and Libraries Python, JavaScript, TypeScript, Java, C++, React, Node.js, Next.js, Flask, OpenCV, React Native
Platforms and Frameworks Git, Linux, MySQL, Firebase, AWS, GCP, Keras, Cassandra, Redis, MongoDB, Netlify, Vercel