Vishaal Prasad

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Experience

Samsung Research America, Mountain View, CA · Senior Software Engineer, Samsung Knox
July 2022 – *Current*
- Working in a team to maintain Knox Capture.
- Prototyping a new B2B solution for Samsung Knox.

Uber Technologies, Inc., San Francisco · Customer Identity Platform · Software Engineer II
May 2018 – May 2022
- Developed and maintained Android user authentication and identity configuration libraries for multiple production applications (rider, driver, eats, and others).
- Unified Sign-up & Login – A new login/signup solution to fulfill the company's need to consolidate user authentication and identity across different business verticals.
- OAuth – Integrated OAuth 2.0 to secure server-client communication in multiple applications on hundreds of millions of devices globally. Coordinated migration from API Tokens.
- Opt-in 2FA – Zero-defect launch of opt-in 2FA with SMS and TOTP used by tens of millions of users. Feature presented by CEO at a global road show in New York City.
- Email OTP & Phone/Email Verification – Flows and in-app nudging to increase rider email verification rate and driver mobile verification rate each by roughly 10%.
- Solo Android Engineer on Identity Management & Customer Identity Team for over half a year in 2019, unblocking production issues and handling inbound requests, while building new flows.

TripIt, SAP Concur, San Francisco · Pre-Trip Experience · SAP iXp Mobile Software Development Intern
Summer 2017 (Jun – Aug)
- Rebuilt and enhanced the most frequently used TripIt Pro feature, Alternate Flights, for Android, used by over 1 million TripIt Pro users globally.
- Migrated internal SQLite database to use Android Architecture Components.
- Collaborated with UX and back-end development teams, and worked in an Agile environment as part of the "Pre-Trip" Scrum team.

ThrowMotion Inc., Sunnyvale, CA · Mobile Software Development Intern
January 2016 – June 2017
- Developed and designed an Android application for the ThrowMotion Cricket Table simulation game, currently live in five countries.
- ThrowMotion develops physical cricket and baseball tabletop games with user connectivity for scorekeeping and account management.
- Prepared design documentation and coordinated development with overseas employees.

Cisco Systems, San Jose, CA · Software Development Intern
Summer 2015
- Cisco Instant Connect (CIC) – Worked across US and overseas teams to develop an Android application to support real-time, cross-platform communication.

Summer 2014
- Cisco Patient Connect (CPC) – Designed UX for various Patient Connect features, live in tens of thousands of hospital patient rooms in the country.
- Developed test-cases, performed end-to-end feature testing, and aided onsite in initial product deployment to bring the solution ready for use by Patients and Clinical staff later that year.
- Worked onsite at the Parkland Hospital in Dallas to install and deliver the first Production environment for CPC. Enabled Patient Connect features, including Live TV, Education Videos, Patient Medication and Schedule Information in Patient Rooms, Doctor Offices, Reception areas and Outpatient areas.

Summer 2013
- IP Central Import Tool – Developed a Java program to automate the process of importing Linux open source assets into the Cisco Intellectual Property tracking system, saving days of work for each version of the OS, a previously manual task.

Patents
- **#10,898,789** · Jan 26, 2021 · ThrowMotion Inc.
System and method for digitally connecting a network of physical games

Education
San Jose State University, San Jose, CA · B.S. Computer Science
May 2018 – GPA 3.5$_{/4}$ – Dean's Scholar Award
Solving Big Data Problems · Database Management I & II · Introduction to Artificial Intelligence