

Akash Shrivastava

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LANGUAGES

English – Native

Swedish – Professional

Hindi – Native

WORK EXPERIENCE

- **[Tibber AB](#)** – Stockholm, Sweden.
Lead Android Engineer / Product Owner **July 2017 - Present**
 - Handling the Android product's sketching, designing, implementing and testing of new features along with managing release cycles.
 - Tracking KPIs for performance and plotting key actions to help fix those that aren't performing well.
 - Handling store presence/listing for the app and making sure the product stays as per Google's guidelines.
 - Coordinating with inter disciplinary teams like Machine learning, frequency regulation and the ecommerce teams to deliver a consistent and seamless experience using one common design system.
 - Designing backend architecture for new devices/features for a maintainable codebase as well as experience.
 - Boosting the Google app store rating from 2.2 to 4.9, while driving users growth from 700 to 25,000 downloads currently.
 - Implementing software for a plethora of IoT products such as a Wi-Fi enabled Realtime electric-meter, electric car chargers, smart thermostats and smart lights based on Zigbee.

- **[Yuuud AB - Audio and Sound](#)** – Stockholm, Sweden.
Founder **April 2016 - July 2017**
 - Product designer, systems architect and frontend developer to a failed Start-up, teaching several lessons along the way. Leading a team of 3 in the development of backend APIs and mobile applications.

- **[Klara Södra Gymnasium](#)** – Stockholm, Sweden.
Educator – Computer Science **August 2015 – July 2017**
 - Working as an educator taking up several roles and responsibilities including teaching, planning course material, designing tests and having lectures in Programming, Web development and Game Development.

- **[MuchDifferent AB](#)** – Uppsala, Sweden.
iOS Developer Summer Intern **July - August 2014**
 - Developed on an existing iPad application 'Green2Fly' by studying and understanding existing source code.

- **[Kstrata IT Solutions](#)** – Hyderabad, India.
Test Analyst **February - May 2013**
 - Strategically developed test plans, test cases running to check interoperability.

- **[University of Hyderabad](#)** – Hyderabad, India.
Intern **January - May 2012**
 - Sketched, Designed and developed a network monitoring system analyzed network data traffic by studying network proxy log files (squid proxy server) and generated statistics improving performance and helped detect security flaws of LAN within the University for altogether 5000 students and 400 teaching staff.

PROJECTS

- **[Price-to-light: Energy price made simple, Android app](#) (Open Source)** **March 2019 - Present**
 - Product owner, designer, developer role using the Tibber API and Philips Hue app to sync energy prices to the color of Hue bulbs, changes every hour based on market price. Fully open source available on [GitHub](#).

- [Bitcoin accepted here Android app](#) **August 2018 - Present**
 - Using Google Maps and Location API an app to mark retail stores that accept Bitcoin as payment.
- [The Gap, Android app](#) **June 2016 - Present**
 - A display of Material components 1.0 to show news articles based on the type of news.
- [Crypto Rain, Android app](#) **June 2015 - Present**
 - Using Confetti particle library, a portfolio and price manager for cryptographic assets.
- [Shower now, Android App](#) **June 2015 – Present**
 - Using the gyroscope sensor and location data, an android app that calculates the user’s shower routine based on temperature, humidity, steps taken, calories, energy output, height, weight etc. Really.
- [Random Acts of Kindness, Android app](#) **June 2015 - Present**
 - A Material design 1.0 app showcasing activities, simple animation.
- **Gender and equality/Genus och Jämlikhet** **August 2015 – Sep 2015**
 - A project to educate students about the gender representation and equality in the games and the game industry as a whole, based on published data in a pedagogic approach.
- [Masters Thesis – Exploring the smart watch as a tool for adherence](#) **January - June 2015**
 - Identified problems faced to achieve high medical adherence while acknowledging challenges.
 - Designed and developed an app on Android wear, tested and on actual patients to support the thesis.
- **U-care, Agile methodology** **October - December 2014**
 - Developed a decision-based support system for patients facing problems depression and Anxiety *U-Care*.
 - A rule-based system to aggregate answers given by the patients to help screen their condition.

PUBLICATIONS

- [Implementation of Cryptographic hash function SHA 256 in C++](#). APS, presented in Boston, USA 2012.
- [Graphs & their application with C++ using Linked lists](#). NANO-Scitech, Kuala Lumpur, Malaysia 2011.
- [Computer Graphics and 3D Viewing](#) – 3D Model of the Planetary System. ICPST, Hong Kong, IEEE 2010.

EDUCATION

- **Master of Science** (Information Systems) June 2015 [Uppsala University – Sweden.](#)
 - ✓ Organizational Analysis Course Nov 2012 [Stanford University – USA.](#)
 - ✓ Operations Management Course Nov 2012 [Wharton School of Business – USA.](#)
- **Bachelor of Engineering** (Information Technology) June 2012 [Manipal Institute of Technology – India.](#)

TECHNICAL SKILLS

- Tools: Sketch, Metabase, Firebase, Mixpanel, Intercom, Balsamiq Wireframing, Shape shifter
Adobe Illustrator and Photoshop.
- Programming Languages: Java, Kotlin, C++, SQL basics.

AWARDS AND ACHIEVEMENTS

- Excellence award from Wharton School of Business for course work in Operations Management - Nov 2012
- Technology Writer and Video Editor for *Hyderabad Beats* news website. (January - June 2012, Hyderabad)

PROFESSIONAL MEMBERSHIP

- Member of IEEE ICPST (Institute of Electrical & Electronics Engineers).
- Active member of ISTE (Indian Society for Technical Education).
- Member of the (IACSIT) International Association of Computer science and Information technology.

REFERENCES

Åsa Sahlström - 0739982158
 Social Science educator, Klara södra gymnasium
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Faris Halteh - 0722781478
 iOS Developer, Spotify/Classmate, Uppsala University
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