

TUGRUL ATES

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I'm an experienced product engineer who enjoys turning problems into technology. I have a consistent history of shipping and improving products that are used by billions and I'm always in pursuit of learning more and tackling bigger.

Facebook

Software Engineer, Facebook App Navigation 2017 February / Present

- Tech lead for Facebook's menu for all interfaces. Championed many improvements by being the glue between product, user research, design and engineering teams.
- Bootstrapped the Android engineering team for Facebook's navigation by hiring, onboarding and mentoring junior engineers. This team has made the top-level navigation more modern, personalized and faster for the most popular Facebook interface.
- Led a promotional targeting framework within Facebook's menu. Scoped and prototyped the feature, led the development and onboarded clients. This system has significantly boosted the adoption of many new Facebook features including Messenger Kids and Facebook Dating.
- Coordinated hundreds of experiments on app navigation among tens of product teams.
- Designed and developed digital well-being features for the Facebook mobile app.

Google

Senior Software Engineer, Project Stream 2016 January / 2017 February

- Member of a small team to deliver the first version of developer SDK to early access partners. This enabled the beta of the whole program.

Senior Software Engineer, Google Play 2013 November / 2016 January

- Tech lead for several store features, many of which have been highlighted at Google I/O keynotes.
- Proposed and championed automated topic-based app merchandising. This framework enabled topic based exploration in store and clustered results on search. +20% installs per visit to app categories.
- Designed and coordinated "Popular Characters" among six engineering teams. It is the primary driver of all acquisitions in Family Store for every Play vertical.

Software Engineer, AdWords Billing 2011 June / 2013 November

- Planned and executed the migration of billing and invoicing for prepaid AdWords customers (X% of Google revenue) from vendor to in-house.

Scientific and Technological Research Council of Turkey

Researcher, Space Technologies Research Institute 2006 April / 2011 May

- Co-designed and built distributed multimedia algorithms for automated government monitoring of all radio & TV broadcasts in Turkey.
- Designed and built libraries for machine learned classification and clustering of mass low level audio, image and video data.
- Publications on semantic media analysis, video copy detection, explicit image detection, GPGPU, data hiding, relevance feedback and more.

Middle East Technical University

M.S., Electrical and Electronics Engineering 2007 September / 2010 December

B.S., Electrical and Electronics Engineering 2003 September / 2007 June