

## About

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I'm a senior software engineer with 20 years of experience building full stack applications across the stack.

Passionate for developing innovative solutions to complex problems. I have experience in a wide range of technologies and frameworks, including Python, C++, React.js, and TensorFlow.

I'm currently working on optimizing autonomous vehicles in urban environments as part of my PhD at Stanford University.

## Skills

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**Programming Languages:** Proficient with Python, C++, and Git; good understanding of Web, app development, and DevOps

**Frameworks:** React.js, Nest.js, Next.js, TensorFlow, PyTorch

## Projects

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### Project 1

May 2024 – present

A web application for writing essays

- Launched an [iOS app](#) in 09/2024 that currently has 10k+ monthly active users
- The app is made open-source (3,000+ stars [on GitHub](#))

### Project 2

Fall 2023

- Instructed the "Statics" course on Udemy (60,000+ students, 200,000+ hours watched)

## Personal Tech Endeavours

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**Blog:** Actively maintaining my technical blog <https://ashokkumar.dev>

**Android app:** Actively maintaining my android app daybook

## Education

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PhD

MIT, Computer Science

Stanford, CA, USA  
Sept 2023 – present

- Working on the optimization of autonomous vehicles in urban environments

**BS**

**Boğaziçi University**, Computer Engineering

Istanbul, Türkiye  
Sept 2018 – June 2022

- GPA: 3.9/4.0, ranked 1st out of 100 students
- Awards: Best Senior Project, High Honor

## Socials

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**Github:** <http://github.com/ashokkumar>