Ashok Kumar

About

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

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

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

Blog: Actively maintaining my technial blog https://ashokkumar.dev

Android app: Actively maintaining my android app daybook

Education

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

Email: ashok@kumar.com

LinkedIn: https://www.linkedin.com/in/ashokkumar

Github: http://github.com/ashokkumar