

Akshat Patel

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Summary

Software engineer with years of experience designing, developing and testing backend and mobile (iOS) applications. I've worked remotely for a large part of my career (even pre-covid) and am excellent at written communication and at setting and executing goals.

Experience

PSPDFKit

Software Engineer

Mar 2019 – Present

Remote

- Designed and developed features and APIs for the **PSPDFKit Server and Hosted API** products.
- Re-worked and tested the **payments and subscription logic** for our Hosted API product to handle payment failures and retries.
- Worked on the **PSPDFKit iOS SDK**: bugfixing, adding features, implementing the newest iOS technologies, improving performance, testing.
- Handling **technical support** tickets from customers.
- Writing **technical blog posts** on the company blog site.

DJI Research LLC

Software Engineer

Jan 2017 – Mar 2019 (2 yr 2 mos)

Palo Alto, California

- Helped create and field-test a solution for **autonomous inspection of wind turbines** using DJI drones equipped with a custom laser rangefinder.
- Tested **drone navigation algorithms** using simulated wind turbine models in a 3D graphics environment.
- Created a **visualizer app** to live-render point-cloud generated by a LIDAR.
- Worked on DJI's **iOS SDK** and user interface library.

Hart Inc

Software Engineer Intern

Jun 2016 – Sep 2016 (4 mos)

Anaheim, California

- Worked on a diet and medication monitoring application for in-house hospital patients, which also included one-on-one messaging with the physician.

Techgrains Technologies

iOS Software Engineer

Jan 2014 – Aug 2015 (1 yr 8 mos)

Ahmedabad, India

- Worked on several iOS apps with features like PDF rendering, video stream processing, social integration, lazy loading, etc.

Education

University of California Irvine

M.S. Software Engineering

Sep 2015 - Dec 2016

Irvine, California

U.V. Patel College of Engineering

B.Tech. Information Technology

Jun 2010 - May 2014

Kherva, India

Skills

Languages (Proficient) Elixir, Objective-C, Swift

Languages (Familiar) JavaScript, Ruby, C, C++, Python, Java