

Akshat Patel

🌐 Remote

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Summary

Software engineer with more than 8 years of experience designing, developing and testing iOS and backend applications. [Link to my portfolio.](#)

Experience

Independent Apple Systems Developer

Jan 2024 – Present

Working on my own apps for iOS, macOS and visionOS.

PSPDFKit GmbH

Mar 2019 – Dec 2023 (4 yr 10 mos)

Software Engineer (iOS + Backend)

Remote

- **Tech Stack:** Swift, Objective-C, Elixir, Phoenix.
- Worked on the **PSPDFKit iOS SDK**: bugfixing, adding features, implementing the newest iOS technologies, improving performance, testing.
- Designed and developed features and APIs for the **PSPDFKit Server and Hosted API** products.
- Re-worked the **payments and subscription logic** for our Hosted API product.
- Handling **technical support** tickets from customers.
- Writing **technical blog posts** on the company blog site.

DJI Research LLC

Jan 2017 – Mar 2019 (2 yr 2 mos)

Software Engineer (iOS)

Palo Alto, California

- **Tech Stack:** Swift, Objective-C, C++.
- Worked on DJI's **iOS SDK** and user interface library.
- 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.

Hart Inc

Jun 2016 – Sep 2016 (4 mos)

Software Engineer Intern

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

Jan 2014 – Aug 2015 (1 yr 8 mos)

iOS Software Engineer

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

Sep 2015 - Dec 2016

M.S. Software Engineering

Irvine, California

U.V. Patel College of Engineering

Jun 2010 - May 2014

B.Tech. Information Technology

Kherva, India

Skills

Languages (Proficient) Elixir, Objective-C, Swift

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