Akshat Patel

🌐 Remote

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🖥 Summary

Software engineer with years of experience designing, developing and testing iOS and backend 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

Professional Break
Jan 2024 – Present

Working on a personal project for 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