Contact

www.linkedin.com/in/raiabhay
(LinkedIn)

Top Skills

Analog
Semiconductors
IC

Patents

Signal conditioning for an optical encoder
Charge pump frequency selection in touch screen sensor interface system
Interpolation circuitry for optical encoders
种互电容式触控面板控制器及其操作方法
On-chip power-down generation for LDO-based mutual capacitance touchscreen controllers

Abhay Rai

VP of ADAS Products
San Diego, California, United States

Summary

A good balance of business acumen and technical prowess that shaped multiple businesses delivering short term and strategic successes across multiple product lines. Strong experience in the Semiconductor and Automotive industry including product development, P&L and business management that led to various innovative automotive and consumer products touching millions every day.
In-depth understanding of automotive sensing stack, system architecture, trends, ecosystem, competitive landscape and deeper relationship with the supply chain.

Experience

Qualcomm
Vice President: ADAS Product Management
September 2025 - Present (11 months)
San Diego Metropolitan Area

indie.inc
4 years 8 months

Advisor to the CEO
March 2025 - August 2025 (6 months)
Ann Arbor, Michigan, United States

Chief Product Officer, GM Vision BU
January 2024 - February 2025 (1 year 2 months)
San Francisco Bay Area

EVP and GM: Vision BU
January 2023 - January 2024 (1 year 1 month)
Ann Arbor, Michigan, United States

Built the radar and vision business from zero to a high growth, profitable businesses including bringing the radar business (which is the biggest and

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Samsung v. Omni
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most successful business in the history of the company) identifying the acquisition targets M&As, integration and P&L structuring.
In my current role I manage the vision business unit.

Senior Vice President: VisionQ BU
January 2021 - December 2022 (2 years)
Ann Arbor, Michigan, United States

Embedded vision processing and perception

Thirdware Solution INC
Advisory Board Member
August 2020 - February 2023 (2 years 7 months)

VisionQ Inc (acquired by indie Semiconductor)
Co founder, CMO
April 2020 - January 2021 (10 months)
Novi, Michigan, United States

Visteon Corporation
VP of Product Marketing
February 2019 - April 2020 (1 year 3 months)
Greater Detroit Area

Sony Electronics
2 years 5 months

Head of Automotive Sensor Marketing and Sales
November 2017 - February 2019 (1 year 4 months)
San Francisco Bay Area

Director Product Marketing: Automotive Imaging
October 2016 - October 2017 (1 year 1 month)
San Francisco Bay Area

ON Semiconductor
2 years 4 months

Head of Technical Marketing and Solution Architecture: Automotive Image Sensing
January 2016 - September 2016 (9 months)

Marketing Operation and Product Marketing Management
June 2015 - December 2015 (7 months)

Product Marketing Manager : Image Sensors
June 2014 - May 2015 (1 year)

Spansion
Sr Manager
May 2012 - June 2014 (2 years 2 months)

Automatic speech recognition- automotive and embedded

Maxim Integrated Products
Touch technology Product Definer
October 2011 - April 2012 (7 months)
Sunnyvale, CA, USA

Avago Technologies USA Inc
Principal Analog IC Architect
July 2005 - August 2011 (6 years 2 months)
Fort Collins, CO

Infineon Technologies
Design engineer
2004 - 2005 (1 year)

Semiconductor Complex Ltd
Mixed Signal Design Engineer
2000 - 2004 (4 years)

Education

University of California, Berkeley, Haas School of Business
Executive MBA, Business Administration and Management, General · (April 2014 - December 2015)

Colorado State University
MSEE, Circuit Design · (August 2008 - July 2010)

Sant Longowal Institute of Engineering & Technology
Bachlor of Engineering, Electrical, Electronics and Communications Engineering · (1997 - 2000)