

Avkash Chauhan

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Founder @ Prodramp.com (<https://prodramp.com>)

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Bringing 20+ years of engineering experience with the team and technical leadership to incubate, design, and develop enterprise-class technology, products and business

Career Highlight:

- o Lead the development of Lane plus Asset Visibility and Data Intelligence platform at Roambee, developed the MVP, built customer usable product within 6 months
- o Lead Retail Consumer AI platform development from incubation to product for Macnica within a year while working with 18+ engineers & business professionals
- o Lead the development & deployment of H2O.ai open-source ML platform for enterprises specific to banking, insurance, and credit monitoring customers
- o Built Big Data Perspective (1.2M Angel Investment), a virtual appliance to improve the reliability and efficiency of Big Data Cluster using autoencoders & anomaly detection

Education:

- o Master's in Maths & Computer Sci. (M.Sc.) – Jiwaji University, Gwalior India (1998)
- o Bachelor's in Maths, Physics, and Chemistry (B.Sc.) – Sagar University, India (1994)

Founder ([Prodramp.com](https://prodramp.com)) – Sep 2021 - Continue at San Mateo, CA

- o Prodramp is an enterprise technology adoption platform to achieve faster adoption without a tech marketing or advocacy team through a curated collection of technical content i.e. competitions, tech tasks, live events and learn & earn opportunities .

Chief Architect - Advisor ([Hulft Inc](https://hulft.com)) – Jan 2021 - Continue at San Mateo, CA

- o Leading the design and development of Hulft IPaaS service for over 50K enterprise customers supporting no-code integration design from over 100+ data sources

Head, AI and Digital Intelligence ([Roambee](https://roambee.com)) – Nov 2019 – Dec 2020 at San Jose, CA

- o Lead a global team of 8 data engineers, scientists, and software engineers
- o Used Python 3.8 and React combining geospatial (deck.gl & H3), data & ML libraries
- o Data ingest pipeline using KAFKA, to process IoT JSON payload in real time
- o Added NLU interface with RASA NLU libraries to query analytical data via NLQ to SQL

VP, AI Platform ([Macnica](https://macnica.com)/[Fuji Electronics](https://fuji-electronics.com)) – Feb 2018 - Oct 2019 at San Jose /Tokyo

- o Created “Retail Consumer AI Solution” business strategy & execution plan
- o The solution includes Customer Lifetime Value (LTV), Know Your Customer (KYC), NPS, Churn rate, Price Prediction, Product Propensity, and Purchase Behavior
- o Lead a team of 18+ ML & software engineers while developing Customer AI Solution
- o Used Java (Quarkus), Python, and React with H2O, TensorFlow, and XGBoost
- o ML pipeline includes model mgmt, AutoML, Ensemble, Transformer, and Deployment
- o Deployed containers for data pipeline, machine learning training, and management

VP, Enterprise Customers (H2O.ai) - From July 2016 to Jan 2018 at Mountain View, CA

- o Setup development & support process, to be more customer-centric and proactive
- o Developed customer success and progress dashboard to assist sales and engineering
- o Worked with 30+ customers (12 Fortune 500) to solve their business problems
- o Built customer support and success team to manage paid enterprise customers
- o Incubated the Driverless AI MVP, including 30+ enterprise customer feedback
- o Managed over 40K open-source and 30+ enterprise customers through my team

Founder & Principal (Big Data Perspective) – Jan 2014 to Jun 2016 at San Francisco, CA

- o Raised 650K and developed an operational intelligence appliance for big data
- o The appliance was designed to monitor and troubleshoot big data servers running Hadoop, Cassandra, Spark & Kafka in the cloud/on-premises/hybrid environments
- o Lead the development of unified operational analytics appliance written in Java & React using H2O based machine learning library to apply deep learning autoencoders for outlier's detection into system & operation data with a team of total 5 developers
- o Designed actionable UI with dynamic and interactive dashboards and navigation
- o Deployed Appliance to 7 customers and worked as Support & Success resources

Sr. Engineer (Platfora - now Workday.com) - May 2013 – Dec 2013 at San Mateo, CA

- o Deployed V1 release to first 6 customers, delivered custom build for IQT, developed telemetry support into Platfora Hadoop based distributed data processing server

Principal Tech Lead, various roles (Microsoft) - Aug 2004 – Apr 2013 at Redmond WA

- o Developed tools to identify root cause in any Azure VM within 5 min or less and founded 30+ person Rapid Response team, awarded Microsoft President Award
- o Core developer of Azure HDInsight (Hadoop on Azure) from its incubation
- o Lead the Azure deployment for top Microsoft customers i.e., Xbox Live(\$2B), Windows Volume License(\$5B) and Microsoft IT, Office 365, and Microsoft Exchange 365
- o As CE/OEM engineer developed HAL, CE+BSP, USB/SDIO/NDIS device drivers

Developer (ISR Corp.) - April 2001 – July 2004 at Tokyo & Foster City CA

- o Worked on telecom tech i.e. PHS/FOMA with NTT, Toshiba, Hitachi, Nissan, and Casio

Author (Published 3 Big Data books)

- o Simplifying Big Data with Microsoft HDInsight (2012)
- o Learning Cloudera Impala (Dec 2013) & Introducing Microsoft Azure HDInsight (2014)

Mentoring and Technical Content Sharing:

Stack Overflow: <https://stackoverflow.com/users/1325423/avkashchauhan> (20K Rep.)

Medium: <https://medium.com/@avkashchauhan>

DZone (MVB): <https://dzone.com/users/1425729/Avkash.html>

GitHub: <https://avkash.github.io/mldl/>

Twitter: <https://twitter.com/avkashchauhan>