Ashwin Gayash

U.S. Permanent Resident
Co-founder GOCARTAI

✉ Sunnyvale , CA

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🌐 https://aggayash.github.io/

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Education

Carnegie Mellon University, Tepper School of Business
Aug 2014 - Dec 2017

Master of Business Administration

Carnegie Mellon University, School of Computer Science
Aug 2006 - Aug 2008

Master of Science in Software Engineering, Computer Science   R.V.

College of Engineering
Aug 1998 - June 2002

Bachelor of Engineering (B.E.), Computer Science

Technical Skills

Java

Python

Excel

R

C

Business Skills

Leadership

Forecasting

Go-To-Market Strategy

Data Analytics

Expertise

Product management, Software Design Principles & Patterns, Software Architecture, Operating Systems, Networking, Distributed Architecture, SPSS, Agile Methodologies

Experience

Co-founder
GOCARTAI, Sunnyvale   May 2017 - Present

- Worked with a team of 5 engineers, who are geographically distributed, through concept, product design and prototyping of a an AI based robotic platform for repetitive tasks like shopping carts leveraging distributed infrastructure and cloud, put together a demo using Unity engine.
- Applied for seed funding from The Swartz Center for Entrepreneurship(CMU) and was placed second.
- Developed analytical frameworks to identify existing trends and establish pipeline goals for both sales and marketing. Built predictive models to define revenue targets through rep productivity, cohort analysis and conversion rates.
- Worked with members of the Swartz center to identify top partners and structure partnership programs that will deliver a MVP.

Senior Software Engineer, Cisco IOS-XR Team,
Cisco Inc, San Jose   May 2012 - Apr 2014

- Cross-functional Product Management experience- assigned to work directly with AT&T for the ISSU product, engaged in user-experience based design feedback and integration.
- Technical expert in the Areas of OS/Kernel/File Systems, High Availability, Security, Infra Structure, Manageability (SNMP/XML)
- Recipient of the Cisco Innovation Award (CORBU) for implementing the industry first scaled solution for ISSU, a feature that is being used by all of Cisco's customers and has enabled the reduction of network maintenance costs and time by over 15 %; patented.
- Conducted technical training sessions for 300 sales/marketing teams annually bridging the language gap between teams.

Software Engineer, Cisco Platform Team,
Cisco Inc, San Jose   May 2008 - Apr 2012

- Worked on Cisco IOS XR operating system building features for one of Cisco's flagship products- CRS in the service provider segment, a $20 Billion USD market space constituting more that 21 % of Cisco's revenues with more than 150 clients across the world.
- Received 3 consecutive Cisco Outstanding Performance Awards for years 2013, 2012 and 2011
- Authored a white paper on Cisco process migration technology.

Publications

1 White paper on Cisco Process Migration, Published at Cisco Systems, Inc, 2013

2 SQUARE Lite: Case Study on VADSoft, CMU/SEI-2008-SR-017, Published in the 32 Annual IEEE international Computer Software and Applications Conference (COMPSAC) 2008

3 Skip Lists: a probabilistic alternative to balanced trees, Published in the Computer Society of India yearly journal, 2002

4 Virtual Reality for collaborative Engineering, developed under Aeronautical Development Agency Virtual Simulation Centre, Paper published at the IEEE Theoretical Computer Science and Electrical Engineering symposium, 2002