

RAHUL VISHWAKARMA

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EDUCATION

California State University, Long Beach M.S. Computer Science. Awarded Graduate Dean List; Outstanding Research Scholar	California, United States Jan 2022 - May 2024
SRM Institute of Science and Technology Bachelors of Technology Computer Science & Engineering	Chennai, India Aug 2005 - May 2009

EXPERIENCE

Boodh LLC AI Product Manager <ul style="list-style-type: none">Developed TalentAI, an AI-driven recruitment search engine using RAG, LLMs, and autonomous agents, with more than 90% relevance rate in candidate matching and a 30% reduction in time-to-hire.Engineered modular RAG pipelines for scalability, conducted user-focused iterations with recruiters, and enhanced query precision through data-driven insights, resulting in a 20% increase in user satisfaction.	Chicago, United States Dec 2024 - present
Blue Ridge Labs at Robin Hood Entrepreneur in Residence - Launch Fellowship <ul style="list-style-type: none">Creating technology based on AI that improves the lives of communities experiencing poverty.	Brooklyn, United States Aug 2024 - present
Dell Technologies AI Product Owner Machine Learning Engineer <ul style="list-style-type: none">Drove GTM strategies, develop the business case, market trends, feature prioritization, and Product road map for AI features in Dell Power Protect Data Manager - self-guided recovery and data migration.Created detailed requirements based on customer requirements. Worked closely with engineering to deliver AI product feature for Dell Cloud IQ data criticality based on the KPI and customer demand.Conducted market analysis, competitive analysis for security and cloud tier products (Cloud Tier for LTR - long term retention with AWS, Azure, GCP). Direct engagement with the support, sales, and marketing.	Bangalore, India June 2018 - Dec 2021
Senior Software Engineer <ul style="list-style-type: none">Architected and developed anomaly aware log retrieval from DAE (U.S. Patent 11/513,931) and adaptive key rotation based on critical data (U.S. Patent 17/652,606) implemented in Dell Power Protect Data Domain.Planned, designed, and implemented Data Domain interoperability integration with Dell products and third-party vendors by creating automation libraries in Python, which significantly enhanced customer operations.Designed and patented an internal tool for ECS Cloud capacity planning (time-series) and disk failure detection (classification and clustering) for Data Domain install base (90,000+ systems) using telemetry data.	Mar 2017 - May 2018
Hewlett Packard Enterprise Solution Architect <ul style="list-style-type: none">Enhanced OS efficiency and scalability on HPE Converged Systems 900 by creating optimized modular images for RHEL and SUSE by ensuring compatibility with hardware and optimized performance.Led certification and automated deployment of HPE Converged Systems for SAP HANA, designing a scalable backup architecture with HPE 3PAR ensuring SAP HANA operations and data protection.Implemented HPE 3PAR as external storage for ProLiant DL580, integrating with SAP HANA studio for efficient Backup/Recovery operations using backint with HPE Data Protector improving data management efficiency.	Bangalore, India May 2015 - Mar 2017
Tata Consultancy Services Information Technology Analyst <ul style="list-style-type: none">Directed ACS development for collections at CITI Bank N.A., led a team of 6 as a COBOL developer, coordinated projects, collaborated effectively with clients, and achieved a 30% collection efficiency improvement.Managed the automation of regression testing for Symmetrix VMAX and EMC Celerra (VNX), implemented automation scripts resulting in reduced testing time by 40% and decreased number of bugs.	Bangalore, India Oct 2009 - Apr 2015

SKILLS

Product	Agile, Scrum, Jira, Confluence, AI Product Owner
Machine Learning	Agentic RAG, LLM, MLOps, PyTorch, Python
Database	Oracle, SAP HANA, mongoDB
Infrastructure	HPE and Dell Servers, Microservices, Virtualization, Storage Array
Operating Systems	Linux, Solaris, z/OS,

PATENTS

- **56 Granted US Patents** in the domain of AI, Machine Learning and Enterprise Data Storage **2018 - 2021**

AWARDS

Dell Patent Award (\$250,000): Long Term Incentive (LTI) Cash and Restricted Stock Units (RSU)	2021 - 2022
Fellow Member of the British Computer Society (BCS)	Aug 2024