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SUMMARY

Seasoned technology leader with 20+ years of experience building industry-leading Cloud and Enterprise software platforms & applications. Proven expertise in managing cloud software engineering teams, enhancing security posture, and integrating AI & ML models. Skilled in all phases of the software development lifecycle, translating business requirements into technical solutions, and ensuring quality, usability, security, and scalability. Ready to drive LinkedIn's security infrastructure to new heights.

EXPERIENCE

Cisco, Senior Engineering leader, Security Policy and Access

Jan 2022 - Present

- Manage and led cloud software engineering teams responsible for building network access control (NAC) and policy management SaaS systems, improving security posture and increasing system scalability by 25%.
- Delivered a cross-organizational initiative that created a customer-facing SaaS solution, automating network segmentation and reducing manual intervention by 30%, leading to a 15% increase in product adoption among enterprise clients.
- Collaborated with business and product teams to define technology strategies and priorities, resulting in streamlined development cycles and a 10% faster go-to-market time for new features.
- LLM Deployment: Integrated Large Language Models (LLMs) to automate security policy generation and optimize user access management, reducing policy generation time by 30% and driving a 10% increase in customer satisfaction metrics.

RapidAI, Technology Leader SAAS Application platform

Jun 2019 - Jan 2022

- Managed the development of a clinical decision support SaaS platform used by hospitals and healthcare providers, improving diagnostic accuracy and workflow efficiency, leading to a 27% increase in daily usage.
- Delivered "Clinical discussion support" application which are live saving SAAS apps and is delivered via mobile device, desktop and PACS, the Rapid clinical platform leverages artificial intelligence (AI) to create enhanced, high-quality images from NCCT, CTA, CTP and MRI diffusion and perfusion data, helping physicians make expedient diagnoses and treatment and transfer decisions.
- AI & ML Integration and deployment: Played a key role in deploying AI & ML models to enhance medical data interpretation, improving diagnostic accuracy by providing automated insights from complex imaging data. Worked closely with cross-functional teams to ensure smooth integration of AI into existing platforms. This contributed to a 12% increase in platform adoption across hospitals and clinics, resulting in a \$3M revenue increase through expanded use of the platform in global healthcare networks.
- Establishing technology strategies, setting team priorities, managing cross-functional teams, mentoring, approving technical approaches, and hiring.

GE Digital, Sr. Manager Software engineering for GE Digital Emerging Verticals at GE Digital

May 2017 - Jun 2019

Onboarded 4 new clients onto Predix resulting in 1000+ new users, and \$1M+ annual revenue.

- Led system architecture team, web application team, and data science team to deliver two Predix-powered automotive applications: Paint-Shop throughput status and Computer Numerical Control Engine Quality-check. These applications resulted Tech Mahindra to onboard on GE's Predix platform.
- Orchestrated Role Based Access Control and subscription policies for Predix resulting in a 60% more cost-effective IAAS solution
- Implemented a scalable hub-spoke topology on Azure for Predix with a 1 click deployment process and reduced the execution time from days to 30 mins
- Led Pitney Bowes Clarity suite development for its 7 consecutive successful releases
- Transformed team into a highly effective and collaborative team by resolving communication gaps, mentoring team members, and motivating them by acknowledging their work to upper management
- Coached 13 engineers and as a result, 4 engineers were converted as a full-time employee and rest promoted to the next level
- Transformed manual field reporting process by creating field reporting software, used by 20,000+ field engineers. Delivered the final product, on-time, leading a team of 6 members.

GE Digital, Sr. Staff Software engineering for GE Digital Emerging Verticals

Dec 2013 - Apr 2017

Technologies Used: Java, C++, Angular, NGINX, Node, React, HTML, CSS, Python, TFE, Postgres, RabbitMQ, AWS, Azure, Cloud Foundry, Predix, Jenkins

- Hands-on coding in Java, Node, AngularJS, Python
- The new automated Reporting System enhanced field reporting efficiency by more than 80%.
- Developed a remote system for inspecting Jet engines which reduced the need to travel on-site.
- Prepared working demo for SoftBank in two days
- Developed new algorithm to increase file upload size from just 20 MB to 100+ MB.
- Identified and resolved a critical issue in the login flow due to a redis cache misconfiguration.

PayPal, Sr. development lead for Pricing and Foreign Currency Exchange

Oct 2011 - Dec 2013

Development lead and Pricing expert for the Pricing & Foreign Currency Exchange Technology infrastructure. These systems calculate and account for 98% of PayPal's total global revenue. On-going system development resulted in scalability to stay ahead of the growth in global revenues while achieving up-time availability of 5 sigma.

Technologies Used: C++, Java, gUnit, Oracle, Perl, Python

- Introduced new design for Merchant rate batch resulting into additional \$4 Million USD profit.

[Technologies Used: Java]

- Developed algorithm for pilot framework which enhanced efficiency from 250 m.sec. to 1 m.sec.

[Technologies Used: Java,C++]

- Mentored team for unit test framework, leading the team to achieve highest code coverage.

[Technologies Used: Java,C++]

- Led development team in the transformation from waterfall to agile, which reduced live bugs to zero.
- Won 1st place for Best Demo at PayPal's internal innovation contest

CSC, Associate Manager, Checkout Team (PayPal)

Oct 2010 - Oct 2011

Associate Manager Project, in charge of new Unit Test Framework GTest and GMock adaptation and implementation in the PayPal. Over all product quality depends on the number of bugs in the system and unit test makes sure that all the issues should be resolved at the very step of development which not only increases the quality but also reduces the time to market effort.

Technologies Used: C++, Java, gUnit, Oracle, Perl, Python

- Enhanced unit test infrastructure, led to improved code coverage from 20% to more than 70%.

[Technologies Used: C++, gUnit]

- Mentored and nurtured highly effective teams for UTF framework across 2 locations (San Jose and Chennai).

[Technologies Used: C++, gUnit]

- Led and managed global stream for Bug Bash resolving a remarkable 100+ Live bugs
- Delivered strategic technological capabilities by vision and long-term architecture for unit test
- Organized bi-weekly team-building events for 2 years through interactive and fun activities

Computer Science Corporation, Sr. Development lead for unified and express checkout

Oct 2006 - Oct 2010

The checkout Team is responsible for all flavors of checkout and gives their customers the speed, security, and convenience they demand when they buy across the Web, at leading retailers, and now via mobile.

Technologies Used: C++, Java, gUnit, Oracle, Perl, Python

- Improved checkout user experience on the "Add Credit Card" flow.

[Technologies Used: C++]

- Successfully completed back button feature with zero bug and 40% less time to market effort

[Technologies Used: C++]

- Worked throughout the weekend (> 48 hrs) and resolved recurring billing issue.

[Technologies Used: C++]

- Awarded for Zero Live bug feature e-Check enhancement with a remark

Ramtech Soft. Sol. Pvt. Ltd, Senior Software Engineer, Geospatial software developer team

May 2005 - Oct 2006

The Geospatial software developer team is responsible for comprehending the required tools & applications and to thoroughly analyze, Develop and test the possible combinations of the requirements from the client that are requested on a weekly/ daily basis.

Technologies Used: C, C++, AutoCAD, MicroStation

- Analyzed, developed and tested 103 new tools for MicroStation
- Developed a library of approximately 450 new tools to customize MicroStation and AutoCAD app
- Mentored 7 new trainees and college graduates

*Defense Research Development Organization, **Software engineer Trainee (college intern)***

Jan 2005 - May 2005

Worked for Weather Based Soil Moisture Prediction Model as an intern

EDUCATION

Guru Gobind Singh Indraprastha University

*Master • **Computer Applications** • 2002 - 2005*

Ramjas College, Delhi

*Bachelor • **Physics** • 1999 - 2002*

KV NFC New Delhi

***Science** • 1997 - 1999*

SKILLS

Leadership • Software as a Service (SaaS) • Cloud Computing • Software Development • Technical Expertise • Conflict Management • Strategic Thinking • Business Decision Making • High Performance Teams • Creative Problem Solving

HONORS & AWARDS

T3 Award (Team, Trust, and Transparency)

Recognized and awarded for contribution and performance in IPS

Recognized and awarded for exemplified GE beliefs

Won 1st place for Best Demo at PayPal's innovation contest