Harshit Rohatgi

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Accomplished software engineer passionate about building scalable and robust distributed systems. Over 9 years of experience helping industry leaders solve hard problems in the domains of eCommerce systems, cloud infrastructure, dev-ops and web standards.

Education

2022-Ongoing — **Masters in Computer Science**, *University of Texas, Austin*.
Courses taken: Optimization, Machine Learning, Reinforcement Learning(In progress), Cases in Machine Learning(In progress)

2006 - 10 — **Bachelor of Technology** , *Computer Science and Engineering*, Vellore Institute of Technology, India, *8.87/10*.

2005 - 06 — **Class 12th**, *AISSE, 88.0%*.

2003 - 04 — **Class 10th**, *AISSCE, 91.6%*.

Skills

Programming Languages:	Java, Javascript, Python, C++(Novice)	**Cloud Platforms:**	AWS, Azure(Novice)
Additional Skills	Recruitment, Project Management		

Work Experience and Positions

Sep2021-Current — **Microsoft.com**, *Senior Software Development Engineer*.
Part of the Excel Online organization focusing on improving the functional capabilities of online product in parity with Desktop version. Serving as a team lead for crew catering to the same.

Feb 2020 - Aug 2021 — **Amazon.com**, *Senior Software Development Engineer*.
Working as a lead developer for Amazon Sellers organization with a focus on verification for sellers on various Amazon and AWS storefronts.

- Currently lead the development of platform to support Business Process Management over AWS Step Functions.
- Part of the Samurai group providing design consultations for the upcoming project with focus on self-contained web components, data-intensive applications and best practices for building services on AWS.

Apr 2015 - Feb 2020 — **Amazon Web Services**, *Software Development Engineer - II*.
Worked as one of the core developers for AWS Marketplace team with projects spanning across the entire pipeline.

- Contributed to rendering platform for the website stack with focus on federated architecture and tooling to support it for the teams.
- Bootstrapped the Experimentation Platform for AWS with AWS Marketplace being the first customer. Implemented the service responsible for vending recognition token based on the request identifiers with focus on low latency architecture.
- Led the development of Container support for AWS Marketplace as a part of AWS Re:Invent-2018 launch. Further, worked on tooling support for onboarding AWS Services on AWS Marketplace Platform to build their marketplaces using the platform capabilities.

Sep 2011 - **Amazon Webstore**, *Software Developer Engineer*.
Apr 2015 Worked on the tooling chain for seller space in Amazon Webstore.

- Architected the new Site Designing platform using independently operable web components and laid the initial design for theme designing and the interaction of the same with seller tools.
- Worked on AutoCategorization for sellers listing in the inventory management tool. Project had a focus on distributed systems with multiple integrations. Addressed the existing pain points of Reliability and Maintainability by developing tooling to give insights into integration points using distributed tracing framework.

June 2010 – **Deloitte India Consulting Pvt. Ltd.**, *Business Technology Analyst*.
Sep 2011 Worked as an Analyst in Information Management Service Line of Deloitte Consulting. Developed Proof of Concepts for data visualization using Google Maps API.

June 2009 – **Prologix Software Solutions Ltd.**, *Intern*.
July 2009 Worked as a developer in the firm as a part of Summer Internship.

Activities and Presentations

- Organizer - Sellers Hack Day-2013, Amazon
  Part of the sellers hack day 2013 steering committee. Helped in ramping up the teams on the theme of the hack day(Machine learning) and mentored the teams for their projects.
- Presentation - Developing services on Native AWS : An introduction,
  Introduced developers to new tooling and paradigms for developing microservices on Native AWS.

Interests and Hobbies

- Endurance cyclist – Randonneur
- Hobbyist photographer – http://flickr.com/tallandroid