

## WORK EXPERIENCE

**Senior Member of Technical Staff** **ThoughtSpot** **June 2024 – Present**

- Onboarded clients including **Apple and JP Morgan Chase** by implementing a critical security feature - Bring Your Own Keys.
- Reduced mean time to recovery(MTTR) by 1+ hours** by optimizing log ingestion and processing flow.

**Software Development Engineer - 2** **Amazon** **May 2022 – June 2024**

- Boosted India Payments' resilience, **saving Amazon \$1mn during Diwali 2023** by implementing rate limiting on a tier-1 service.
- Improved **visitor conversion by 133bps**, **purchase conversion rate by 374bps** and **reduced page load latency by 43%**, by spearheading the launch of a standalone, effortless payments experience for bill payments and recharges in Amazon India.
- Reduced feature onboarding time by more than half** by revamping feature management system for Amazon India's MFA stack.
- Reduced local-development times by 80%+** while also creating developer test environments for a leaner developer experience.

**Software Engineer - Cloud Security** **Google** **March 2021 – May 2022**

- Reduced the time-to-market of new features/enhancements for Google Cloud's BeyondCorp Enterprise products from multiple weeks to within days by developing a fully autonomous test framework to run integration tests on multiple environments.
- Onboarding instructor for 279 and mentor for 2 new hires in the APAC region aimed to help them ramp up on the technology stack.

**Technology Associate - SKY** **Goldman Sachs** **May 2018 – Feb 2021**

- One of the founding members of the most exciting technology team at Goldman Sachs, Bengaluru - Cloud Enablement, with the aim to revamp and greatly enhance the cloud developer experience at the firm, with clients including Marcus and Apple Card.
- Led the initiative to enable 10000+ developers across the firm to leverage cloud-native continuous deployment via Gitlab's CI/CD pipelines and Hashicorp's product suite, foundational for all the engineers at the firm.
- Moved the firm's SDLC stack from on-premise to Amazon Web Services, designing major components of the cloud-native landscape.

**Google Summer of Code Developer** **The Linux Foundation** **May 2018 – Aug 2018**

- Performed a complete rewrite of the bannertopdf filter in cupsfilters using QPDF, removed dependencies on Poppler.
- The work done was released in the October 2018 release of **Ubuntu 18.10 Cosmic Cuttlefish**.

**Google Summer of Code Developer** **The Linux Foundation** **May 2017 – Aug 2017**

- Enabled printing to millions of low-cost printers supporting WifiDirect/Mopria standard by converting raster images to PCLm format, which is a strict subset of the PDF format, removing the need of printer driver in linux.
- The work done has been released first as a new feature in the October 2017 release of **Ubuntu 17.10 Artful Aardvark**.
- Added support for writing PCLm files to QPDF, making it the first open source software which supports writing PCLm.

## EDUCATION

**Indian Institute of Technology Mandi** **Himachal Pradesh, India** **Aug 2014 – Jun 2018**

- B.Tech in Computer Science and Engineering, CGPA: 7.65**
- Relevant Coursework:** Algorithm, Data Structures, Operating Systems, Networking, Database Systems, Pattern Recognition, Artificial Intelligence, Data Mining, Probability and Random Processes, Managerial Decision Making.
- Teaching Assistant** - Advanced DSA, Programming and Data Structures, Operating Systems and Networking, and System Architecture.
- Programming Club Coordinator of the institute** for the academic year 2016 - 2017.

## LANGUAGES AND TECHNOLOGIES

- Programming Languages:** Java, Python, Golang, C++, C, HTML, CSS, Javascript, TypeScript, SQL, Bash, HCL
- Databases:** PostgreSQL, Redis, Elasticsearch, DynamoDB, Prometheus, PostGIS
- Other tools / frameworks:** AWS, GCP, React, Next.js, Spring Framework, Kubernetes, Docker, Terraform, Ansible.

## ACHIEVEMENTS AND AWARDS

- Google Summer of Code Mentor:** Mentor for GSoC with **The Linux Foundation** during the years **2019, 2020** and **2024**.
- Received multiple **Spot Awards and Accolades at Amazon** for contribution to excellent engineering in Amazon Payments.
- GWarriors:** Led one of Google India's largest volunteer initiatives to combat the 2nd COVID-19 wave in April-May 2021, involving over 300 volunteers. The efforts were **recognized by Google Cloud EngProd's VP of Engineering**. Additionally, I was invited as a speaker at a global internal event on preventing the spread of COVID-19.
- Organizer - Noogler Orientation:** One of the main organizers for the new hire orientation at Google for 2021 with 400+ new hires.
- ACM ICPC India Regionals:** Represented IIT Mandi at the ACM ICPC India Regionals in **2015, 2016** and **2017**, with the best rank being **7 out of 160** nationwide at the Kolkata/Kanpur Regionals, 2017.
- Goldman Sachs Quantify 2017:** Stood **2nd of 400 teams** from top 25 Indian colleges in the GS-Quantify 2017 challenge.
- Amazon Code Wizard Challenge 2017:** Stood **4th out of 189 teams among all IITs**.
- Recognition for **exemplary contribution to The Programming Club** on the 9th Foundation Day of IIT Mandi.
- Kishor Vaigyanik Protsahan Yojana(KVPY) Scholar 2013**