

# ABHISHEK CHOUDHARY

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## PROFESSIONAL EXPERIENCE

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**Amazon, Software Engineer** – The world's foremost e-commerce company (Mar '16 – present)

*System design and development; goal and project planning for Product 'Detail Page' latency program; intern and peer mentoring*

- Premier "high velocity event" expert for the team, **successfully led technical operations** for events like Prime Day and Christmas sales in 2017, **overseeing co-ordination between 200+ teams during 3X request load** on the systems.
- Designed and led cross-team adoption of a framework to minimize duplication of similar web resources – resulting in **initial rendering time reductions of nearly 10%**, and **customer bandwidth savings of up to 15%**.
- Extended caching architecture to **improve page load times by 28%**, enabling **annual savings of \$500K in computing costs**.

**PressPlay, Software Engineer** – OTT travel entertainment platform (Jan '15 – Mar '16)

*First tech hire; built and led a 10-person team across hardware and software development, delivering tech and business goals*

- Built the communication protocol, code management system, and A/B testing platform for geographically distributed and occasionally connected servers, allowing **automation of inventory management** and **annual savings of \$100K**.
- Prepared user insights and projections for investor presentations, critical in **successfully closing Series-A funding**.
- Created the data pipeline and log processing streams, along with the advertising platform that **enabled first revenues**.

**Zomato, Software Engineer** – Online food ordering, restaurant search, and cuisine discovery service (Jun – Dec '14)

*Owned payment and advertising infrastructure; maintained APIs for mobile platforms; intern mentorship and general advice*

- Developed payment and subscription architecture for 'Zomato Salt', the product **increased revenue by 10% at launch**.
- Built a performant back-end for the native advertising platform, **enabling 10X data collection without impacting latency**.
- Devised a scalable data processing system – **reducing data access times from 30 seconds to 500 milliseconds** and **client-focused analytics delay from 1 day to 1 minute**, allowing direct exposure of live advertising data in dashboards.

## INTERNSHIPS

- **Google Summer of Code** under **Mozilla Firefox** – one of the world's most popular browsers (May – Sep '13)  
Implemented a browser-plugin based dashboard to visualize resource utilization analytics in the browser.

- **Shuffle by Althea Systems** – a machine learning based video discovery offering (Nov '12 – Jan '13)  
Created a timing layer in the company's response infrastructure to analyze the health of underlying services.

## EDUCATION

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**SRM University, Chennai** (Jul '10 – May '14)

Bachelor's in Computer Science Engineering (CGPA of 8.7 on 10)

- Open source project selected in Google's "Summer of Code" program ('13), **one among 1000 students across the world**.
- **Student Head for the fundraising and vendor relations** committee for "Rubaroo" ('12), the annual cultural festival.
- **Board member for college debate and quiz clubs**, organizing monthly meetups and competitions, with **100+ members** each.

## PERSONAL PROFILE AND OTHER ACHIEVEMENTS

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- **Guest author** on emerging industrial trends for one of **India's most popular tech magazines, Digit**.
- **National Cyber Olympiad finalist** ('08, national rank 120), **silver medal at International Informatics Olympiad** ('07).
- On a quest to diversify my perspective – **travel** and **study history** to absorb all four dimensions, space and time.
- **Backpacked** through Sri Lanka, Morocco, New Zealand, and India. Hold a **diploma in Spanish** to aid my future travels.
- Player in a **local futsal league**. Ran **5 half-marathons, top-10 finishes in last two**. Member of the local **equestrian club**.
- Avid reader, writer, and orator. Winner in **multiple school and university level debate competitions**.
- Naturally right-handed, I have recently started dedicating a few hours per week to **teach myself ambidexterity**.