

# Neil Kakkar

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<b>WORK EXPERIENCE</b>	<b>Bloomberg LP</b> <i>Software Engineer</i> <ul style="list-style-type: none"><li>Built and maintained automated data pipelines for <a href="http://bnef.com">bnef.com</a></li><li>Created a search system based on Solr used by mobile clients</li><li>Designed <b>new testing strategies</b> using Docker that significantly reduced bugs</li><li>Chair of Infrastructure Alignment between 3 teams working together, in Q3 2019</li><li>Wrote about my learnings <a href="#">in year 1</a> and <a href="#">year 2</a>, which were <b>read by 300,000 people</b></li><li>Active mentor, managed onboarding of 5 new engineers and several interns.</li><li><i>Side Project:</i> Created a lunch and learn community with over 150 people that matched new people to meet for lunch.</li><li><i>Side Project:</i> Automated insight generation from research reports</li><li><i>Technologies:</i> Python, Javascript, Comdb2, SQL, Redis, Kafka, Docker</li></ul>	London, August 2018 - present
	<b>ShareChat</b> <i>Software Engineering Intern</i> <ul style="list-style-type: none"><li>Built the infrastructure and algorithm for daily trending tags</li><li>Built a crawler bot detection pipeline</li><li>Built a GDPR API to block access for certain IPs. Used for every incoming request</li><li><i>Side Project:</i> Wrote an onboarding document that became the standard for every software engineer joining the company</li><li><i>Side Project:</i> Created a Slack Bot to directly respond to users in app</li><li><i>Technologies:</i> Node.js, Docker</li></ul>	Bangalore, May 2018 - July 2018
	<b>Google</b> <i>Software Engineering Intern</i> <ul style="list-style-type: none"><li>Implemented support for stateful rules in <a href="#">GSuite's Rules Platform</a></li><li>Received a Peer Bonus for writing an onboarding guide to the complex UI development process</li><li>Winner of Graphathon - an international <b>internal ML hackathon</b></li><li><i>Side Project:</i> Created an on-demand music service to tackle a persistent problem<ul style="list-style-type: none"><li>Inspired a few engineers to continue the project</li><li>Filed an <b>Invention Disclosure Form</b></li></ul></li><li><i>Technologies:</i> Java, gRPC, protobufs</li></ul>	Hyderabad, May 2017 - July 2017
<b>EDUCATION</b>	<b>Indian Institute of Technology (IIT), Delhi, India</b> <i>B.Tech and M.Tech in Mathematics and Computing, 2013-2018.</i>	<i>GPA - 7.9</i>
<b>PROJECTS</b>	<a href="http://neilkakkar.com">neilkakkar.com</a> <ul style="list-style-type: none"><li>Create fun tech tutorials, most of which have made it to page 1 of HackerNews.</li><li>Repository of things I find interesting and want to learn more about.</li></ul>	November 2018 - present
	<a href="#">QuickReps</a> <ul style="list-style-type: none"><li>Built an iOS app to aid learning via spaced repetition</li></ul>	September 2019 - December 2019
	<b>Prisma</b> <ul style="list-style-type: none"><li>Cofounded a prototype cryptocurrency based on <b>swirlds</b> consensus algorithm</li><li>Overcomes shortcomings of <b>bitcoin</b> like fairness, ledger memory, and PoW energy.</li></ul>	January 2017 - April 2017

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