# Mayank Goyal

Staff Engineer
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I'm a generalist with rich hands-on experience in multiple technologies, scalable systems, and digital marketing. I'm skilled at understanding and bridging the gap between technology, business, and users with a collaborative trust-based approach with a proven track record of success. I'm pursuing the Data Science skillset next.

## Work Experience

| Staff Engineer | Exotel | Jun 2022 - Present |
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- Picked up on 4 large Enterprise modules and their features, and led the project for migrating from a Monolith to a Horizontally Scale-able Microservice architecture within 5-6 months right after joining, using Event-Driven Architecture.
- Debugged an issue where using forkAndExec in Java on Linux was slowing down a production system as JVM was creating duplicate file descriptors on a mounted bucket and then closing them, instead of not duplicating them in the first place, due to Linux limitations.
- Negotiated a business deal between Kshitij (IIT Kharagpur) and Exotel.
- Improved engineering efficiency for 50+ engineers ensuring faster delivery.
- Responsible for mentoring and upskilling Interns to Senior Engineers.
- Created a Golang to Java migration guide for Engineers migrating internally.
- Led teams of sizes up to 15-20 engineers.
- Hands-on Coding for POCs and complex tickets.
- Influenced change in the working mechanics of 3 departments – Support, Project, and Engineering, by introducing Psychological Safety, impacting 150+ employees and improving work efficiency and issue resolution timings.
- Hand-on experience with back-of-the-envelope hardware estimations, costing, managing techno-business trade-offs, cost-reduction, preparing documentation and magic number sheets.
- Defined SLOs, SLAs, and FUPs. They did not exist in the Monolith Application but were defined for the Scale-able upgrade.
- Project Execution etc. was done accounting for team sizes and strengths – number of seniors, juniors, their backgrounds etc. and dependencies with other teams.

## Entrepreneurial Experience

| Entrepreneur | Digital Marketing | Jan 2011 – Aug 2014 |
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- Created several websites using WordPress and marketed them, generating profit.
- Worked across the entire Digital Marketing Spectrum - SEO, SMM, PPC/PPM advertising, and Affiliate Marketing.
- Ranked several self-created and client websites at the top of Google search, driving organic targeted traffic and monetizing through Google AdSense and Affiliate Products.
- Worked with PR Agencies to promote businesses nationally and globally.