

# Abhishek Jha

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| EXPERIENCE          | <p><b>Software Engineer 2 - DMLP/BDX, Booking.com</b> <span style="float: right;"><b>2022 - current</b></span></p> <ul style="list-style-type: none"> <li>• <b>Setup SAAS Workflow Management orchestrator on cloud:</b> Setup a distributed airflow (with redis and MySQL backend) based orchestrator for workflow management on cloud as a SAAS offering for internal users. Also setup a multi instance offering which can be isolated from one another.</li> <li>• <b>Setup Metrics Pipeline on cloud :</b> Setup Observability for the workflow platform where the native statsd as well as custom metrics can be kept. The backend for storage used was graphite.</li> <li>• <b>Setup a Centralised logging solution :</b> A Centralised logging solution with proper access controls for the entire org using AWS Opensearch.</li> </ul> <p><b>Senior Software Engineer - Risk Engineering, Gojek</b> <span style="float: right;"><b>2022</b></span></p> <ul style="list-style-type: none"> <li>• <b>Fix Metrics generation for fraud detection :</b> Setup different metrics for golang applications used to meter fraud in the gojek mobile application.</li> </ul> <p><b>SDE 2 Payments Engineering, Groupon</b> <span style="float: right;"><b>2021</b></span></p> <ul style="list-style-type: none"> <li>• <b>API Design and implementation :</b> Designed cloud based microservices for geolocation based services. A vert.x based application for address translation/suggestion/verification with third party API integrations.</li> <li>• <b>Cloud Migration :</b> Migrated microservices with different tech stacks from on-prem native hosts to a cloud kubernetes environment using java based helm charts.</li> </ul> <p><b>SDE 1 Platform Engineering</b><br/><b>Groupon - Bangalore, India</b> <span style="float: right;"><b>2019</b></span></p> <ul style="list-style-type: none"> <li>• <b>Setup scaled microservices :</b> A massive nginx cache backing the application helping it scale for serving millions of images to Groupon's frontend applications.</li> <li>• <b>Setup a Redis/Lua based rate limiter :</b> Built a rate limiter to meter clients' requests to the application as well as meter our outgoing requests to third party APIs.</li> </ul> <p><b>Software Engineer</b><br/><b>Infrd - Bangalore, India</b> <span style="float: right;"><b>2017</b></span></p> <ul style="list-style-type: none"> <li>• <b>Microservices • OpenCV Table Extraction • Recommendation Engine</b></li> </ul> |   |
| TECHNICAL SKILLS    | <p><b>Programming languages:</b> Python (Proficient), Java (Proficient), Golang, C/C++, R</p> <p><b>Libraries/Frameworks:</b> Flask, Django, Spring, Dropwizard, Spark</p> <p><b>Logging and Metrics:</b> Splunk, Wavefront, Grafana, Telegraf, ELK</p> <p><b>DevOps:</b> On-prem/cloud setup, Docker or Container based platform, Jenkins or other CI platforms(gitlab runners, github CI), Kubernetes, Helm Chart</p> <p><b>Components:</b> Load balancers, Caches, Queues, Databases(MySQL, Postgres, Elasticsearch, Splunk) Nginx, HAProxy</p> <p><b>Misc.:</b> Good with data structures, algorithms, SDLC principles, Data Science/Engineering problems, distributed systems, build processes, deployment mechanisms. Good with implementing, maintaining and debugging complex end-to-end solutions. Good at debugging. An ever learning, problem solving curious attitude.</p>  |   |

EDUCATION

**Cochin University of Science and Technology**, Kochi  
Computer Science and Engineering

**2017**

**DAV Hehal**, Ranchi

**2012**