RAUSHAN PANDEY

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EDUCATION

Master of Computer Science, Purdue University — Aug 2021 - May 2023 (Expected)
Bachelor of Computer Science, SRM University — July 2013 - May 2017

EXPERIENCE

Software Engineer Intern — May 2022 - Aug 2022
Meta (Facebook) — Menlo Park, CA, US

- In 8 weeks time, designed, tested, and implemented the data consistency crawler framework that keeps the ZippyDB (NoSQL) records in a consistent format. Framework provides flexibility to add more application(s) specific checks.
- Coded 5 crawlers using the framework for the Account User Infra team along with dashboards and alerts. Account (ac2d) crawler engineered using the framework performs weekly checks on 6+ billion customer data records.

Developer — Aug 2020 - Aug 2021
SAP Labs — Bangalore, KA, India

- Built a new application to help detect anomalies in customers' systems preemptively and suggest necessary steps. Helped reduce the error rates by 23%.
- Architected 3+ JAR's (one on Diffie–Hellman key exchange) and Jupyter notebooks in Python to efficiently save data for ML models in Azure Data Lake.

Software Engineer — Mar 2020 - Aug 2020
MoveInSync — Bangalore, KA, India

- Strengthened Vendor-Experience back-end that managed, tracked, and scheduled drivers for the trip using Java, Spring-boot, Kafka. Overhauled 3 services to reduce API overhead and increase response.
- Implemented COVID-19 safety features for supply team applications, which helped bring additional 34% trips.

Associate Software Developer — Jul 2018 - Mar 2020
IG Group — Bangalore, KA, India

- Developed microservices that charged brokerage, and settlement fee in the post-trade domain. Achieved 33.33% revenue growth for IG Group using these Post Trade Applications.
- Maintained test coverage of applications to 70%+ using JUnit, Mockito, and cucumber BDDs.

Software Engineer — Jun 2017 - Jul 2018
Verizon — Hyderabad, TA, India

- Maintained Verizon e-commerce website for residential customers using C#, JavaScript, and new functionality based on business requirements.
- Recognized for focusing on better customer experience and bringing ideas to improve the conversion rate by 4% in online ordering.

SKILLS

Java, J2EE, Python, Erlang, Spring-Boot, Kafka, REST API, SQL (Oracle, PostgreSQL), NoSQL (MongoDB, ZippyDB), Micro-Services, JPA, Hibernate, JavaScript, Git, JIRA, AWS, Jenkins, Bamboo CI/CD, Splunk, PagerDuty, ServiceNow

AWARDS AND ACHIEVEMENTS

- IG Spotlight: Recognized for work in developing and presenting IG Group's 1st Alexa Skill. Presented to board members of IG Group.
- Verizon Thanks Letter: Received recognition for giving customer-focused ideas and helping cross-domain team with Security related Bug Fixes in ColdFusion.
- Mentored 4 full-time interns at MoveInSync. Coached interns on concepts like Microservices, Spring-boot, and Kafka.