

GAURAV SINGH JAWLA

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EXPERIENCE:

Software Engineer, Flexport Inc, Bellevue, WA (May 2022 - May 2026)

- Built the AI search user interface in Client App using React, enabling natural language shipment data retrieval for 5,000+ monthly active users
- Developed interactive shipment analytics modules in the Client App using Java, MongoDB, and GraphQL to centralize client data, accelerating action item triaging across the platform
- Engineered self-serve Consignee & Shipper onboarding flows in the Client App using Ruby on Rails and Next.js, reducing onboarding completion time by 50%+ and accelerating time-to-first-shipment
- Built a cross-app "Prompts and Warnings" system using React and GraphQL to surface banners for missing company data, collecting customs information, and eliminating multi-day shipment delays at origin
- Implemented real-time work queue updates in the FFAp using Scala, React, and PubNub, eliminating duplicate task processing and reclaiming 1,000+ collective operational hours monthly
- Integrated automated work item generation logic using Scala and Postgres to populate multiple FFAp queues, launching 1,000+ weekly operational tasks to replace manual data entry

Software Engineer, Fetch Rewards, Iowa City, IA (Oct 2020 - Mar 2022)

- Deployed a highly available "Daily Reward" service using Go and AWS Elastic Beanstalk to increase user daily active engagement
- Built serverless microservices using AWS Lambda, DynamoDB, and SNS/SQS to power user referral features and manage high-volume message queues
- Engineered a document scanning architecture using Python Lambdas and Java Spring to process high-volume Amazon eReceipts efficiently

Software Engineering Intern, Fetch Rewards, Iowa City, IA (Jul 2020 - Oct 2020)

- Created a serverless in-house scanning engine using AWS API Gateway, Python Lambda, DynamoDB, and S3 to replace a third-party vendor (MicroBlink) and reduce licensing costs
- Executed large-scale database backfills using Python Lambdas and DynamoDB to align historical data and increase product matching accuracy

Software Developer Intern, The Trade Labs, Iowa City, IA (May 2019 - Aug 2019)

- Developed a full-stack social networking application using React, Node.js, and MongoDB to enable user interactions and secure JWT authentication

PROJECTS:

- Developed a peer-to-peer rental application using the MERN stack and third-party geolocation APIs to enable local eCommerce sharing
- Engineered an e-commerce platform using Ruby on Rails and Bootstrap to replace a legacy university inventory and shopping system

TECHNICAL SKILLS:

Languages & Frameworks: React.js, Java, Ruby on Rails, GraphQL, Scala, Python, Typescript, JavaScript, Node.js, Spring, Next.js

Cloud, Databases & Tools: Postgres, MongoDB, PubNub, AWS (Lambda, DynamoDB, SQS, SNS, S3), MySQL

EDUCATION:

Master of Computer Science, University of Iowa, Iowa City, USA (Aug 2018 - May 2020)

Bachelor of Engineering in Computer Science & Engineering, RGPV University, Indore, India (Aug 2014 - May 2018)