

# Vikas Prasad

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## EXPERIENCE

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- **Swym** Remote  
*Engineering Manager* Aug 2024 - Present
  - **Shopify Markets & Infrastructure:** Led implementation of complex **Shopify Markets** feature in Wishlist Plus application, onboarding real merchants. Led infrastructure initiatives including **Kubernetes** migration and **MongoDB** 6.0 to 8.0 upgrade. Worked on cost-cutting initiatives by optimizing **MongoDB** data management through TTLs, indices, and pruning older data, saving **\$1,200/month**.
  - **Organizational Development:** Created and implemented **Career Path** documentation for Engineering organization. Pushed for **public conversation by default** model and knowledge sharing culture. Established regular **1:1s**, manager surveys, and Engineering Leaders syncups.
- **Fyle (acquired by Sage)** Bengaluru, India & Remote  
*Engineering Manager 2* Jan 2022 - Aug 2023
  - **Leadership & Team Development:** Received executive coaching on **situational leadership, influencing, and executive presence**. Successfully promoted **all 6** team members and resolved conflicts. Achieved **98.4%** bug resolution rate in fire brigade team.
  - **Data Extraction Optimization:** Boosted DE accuracy significantly: category in paper receipts from **14.84%** to **67.49%**, date in digital receipts from **39.96%** to **73.65%**. Reduced team costs by **90%** (**USD 8600 to USD 950/month**) and eliminated legacy services. <https://aws.amazon.com/blogs/startups/how-amazon-textract-helped-fyle-boost-data-extraction-accuracy/>
  - **Cost Reduction and Legacy Cleanup:** Reduced Data Extraction team costs by **90%**, **from USD 8600 to USD 950 per month**, and completely eliminated legacy DE services and repos.
- Engineering Manager 1* Jan 2021 - Dec 2021
  - **Leadership Training & Team Management:** Completed "Become 10x Manager in 4 weeks!" cohort learning tough conversations, **1:1s**, and actionable feedback.
  - **Processes & Documentation:** Created **Manager's Readme**: <https://billowy-cardamom-348.notion.site/Vikas-Prasad-Fyle-4c5aa13f228142f493cf5d19021f79b8>. Ran **PIP** for 1, career reviews for **9** folks. Led policy migration from Python 2 to 3, established high test coverage standards, and created new experts for policy codebase.
- Senior Member of Technical Staff 2* Jan 2020 - Dec 2020
  - **Infrastructure & Guidelines:** Created high-leverage fyle-stats infrastructure, wrote **Haskell** code for **postgres**, and developed exhaustive **JAVA** PR guidelines. Led customer interviews and implemented Monday commitments & Friday celebrations practices.
- Member of Technical Staff* Jan 2018 - Jan 2020
  - **MIS-Analytics & Jobs Infrastructure:** Led module development, created large **Postgres** materialized view (180+ columns, 30+ joins), improved refresh time by **100x+**. Built end-to-end background job processing framework using **APScheduler**, **RabbitMQ**, **Celery**. <https://stories.fylehq.com/p/engineering-guide-to-food-trucks>
  - **Notifications:** Led notifications module, AMP reply to comments, email service & delayed emails.
- **Infosys Limited** Mysuru & Bengaluru, India  
*Systems Engineer* Dec 2015 - Dec 2017
  - **Connected Car Platform:** Developed Notification and Vehicle Locator services using **Spring**, **Java**, **mongoDB**, and **AWS**.
  - **Digital Oil Field:** Worked on UI for managing oil fields digitally, adding functionality for custom plots and separator views using **AngularJS**, **Node.js**, **MSSQL**.
- **Free and Open Source Software for Education (FOSSEE), IIT Bombay** Remote  
*Intern* April 2015 - May 2015
  - **Textbook Companion Programme:** <http://tbc-python.fossee.in/book-details/502/>

## EDUCATION

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- **Institute of Technology and Management** Gwalior, India  
*Bachelor of Engineering in Computer Science; CGPA: 7.63/10.00; 1<sup>st</sup> Division with Honours* 2011 - 2015