Vikas Prasad

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EXPERIENCE

- **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 7.0 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**   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 **postgrest**, 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

- **Institute of Technology and Management**   Gwalior, India

  *Bachelor of Engineering in **Computer Science**; CGPA: **7.63**/10.00; 1st Division with **Honours***   *2011 - 2015*