

# Vivek Bhargav

Engineering Manager @ Rivigo

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Specialize in Backend Development. Have worked on Mobile Applications, Web Development, Gaming Engines, Image Processing, and Machine learning in past experiences. I perform best in a mission oriented environment.

## Education

2011-07 - 2015-05 **B.Tech: Computer Science And Engineering**

*Indian Institute of Technology - Guwahati*

## Work History

2021-10 - Current **Rivigo**

*Engineering Manager*

- Worked on building Relay-as-a-Service platform from scratch.
- Worked directly with CEO and Head of Engineering for ideation, planning and execution
- Managed a team of 25 Engineers for development
- Worked with Product and Business teams for product roadmap and converted the requirements into executable tasks.
- Worked with Engineers to design an FTL system to fulfill all functional and non-functional requirements. The system includes Freight Portal, Freight Backend, Matching Engine, Supply Service, Pilot App, CRM Dashboard, Payment Service, Pricing Service, Invoicing and Billing Service, Whatsapp Terminal and POD Service.
- Lead daily scrum meetings for the execution.

2019-08 - 2021-09 **Amazon.com**

*SDE-II*

Engineered and maintained backend for FDI Services. Financial Data Integration (FDI) owns services that enables Amazon businesses to automate their Accounts Payable (AP) and Accounts Receivable (AR) processes. The platform enables applications to send data to OFA in a reliable manner. I worked on features and fixes spanning following services:

- Monetary Integration (**MInt**) Platform
- Vendor Payments Payment Service (**VPPS**)
- External Party Integration (**EPIC**)
- OFA Messaging Framework (**OMF**)

2018-03 - 2019-08 **Rivigo**

*Senior SDE*

Engineered backend for Rivigo Freight Platform which is digitalising trucking ecosystem by creating an online, self-help ecosystem for customers in logistics industry.

- Engineered Demand Platform covering order posting to final delivery of shipment covering payment, taxation, legalities, tracking and documentation.
- Introduced Grafana, Prometheus, Kibana for real-time centralised monitoring of more than 300 servers resulting in 5x speed up in production issues resolution.
- Created generic Docs Service to handle documents generation across all Rivigo products.

2016-07 - 2017-12 **Melzo**

*Chief Technology Officer*

My role as a CTO involved owning major part of the code while coordinating with other developers for implementing features, wire-framing, assess resource capacity and estimate deadlines. I grew experience on platform selection and technical design. I worked on following products:

- Melzo.com - VR Platform which enables users to create VR experiences with simple drag-n-drop interaction.
- An AR application for Diamond Industry which enables end users to customize and experience ring on their hand without help of any marker.
- An AR application for interactive advertisements and campaigns.
- VR Live streaming

2015-07 - 2016-04 **Visa Inc**

*Software Engineer*

As a part of Visa Tokenisation Service Android SDK team, I developed an SDK so that third party developers like Android Pay, Samsung Pay can integrate it in their applications to enable users for card less payments (NFC, QR code etc.). We also developed a sample application which uses the SDK for making payments through NFC.

2014-07 - 2015-06 **The Geek Salad**

*Chief Technology Officer*

We developed an Android application which enables a user to send reminders to others. My role was to own app development which included taking design decisions and ensuring cross device compatibility.

2014-05 - 2014-07 **Amazon.com**

*Intern*

I worked on the migration of our team's service from deprecated one to fresh service. In a service, we were directly hitting some databases over which our team had no ownership. The target of this project was to remove direct dependencies on such databases and access the required data via an authorized service.

## Skills

C++, Java, JavaScript, Python

Android Development, Full Stack Web Development

Angular.js, React.js, Ionic Framework, A-frame, THREE.js

Spring Boot, Tomcat, Node.js, Express.js, Amazon Web Services

RDBMS, MongoDB, Firebase, Redis, Dynamodb

## Achievements

All India Rank **1370** out of 4.85 lacs students appeared for **IIT-JEE**

All India Rank **407** out of 11.5 lacs students appeared for **AIEEE**.

Qualified for **ACM-ICPC** Amritapuri Regionals 2013.

**All India Rank 19** in Junior Mathematics Olympiad, 2008.

Among **Top 1%** of the country in **National Standard Examination in Physics**.

**International Rank 3 & 99** in Stage I and Stage II respectively in **International Mathematics Olympiad**.

**Won Hackathon** @ Visa Inc. by developing app over company's mVisa Platform.