

# Harsh Bharvada

Software Engineer

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## Professional Experience

### PayPal

Software Engineer II

Aug 2021 - Present

- Working for the Managed Stage team in PayPal Platform Engineering

### Reliance Jio

Software Development Engineer

Aug 2020 - Aug 2021

- Optimised the flow by removing cyclic dependencies in chatbot conversational flow in Node.js.
- Lead the development of reusable reactive components & integration of Chart.js in Analysis Dashboard in Angular.
- Significantly improved performance of correction strings in OTT Bot by ~96% from 3s to 110ms using data normalization.
- Developed Gratification Microservice for My Jio - JioEngage Video OTT Bots in Node.js & TypeScript.
- Integrated default metrics of Prometheus for monitoring of data in Node.js.
- Implementing save feature of pagination states in data tables using NgRx & Angular

### Cognizant Technology Solutions

Associate - Projects

Aug 2018 - Aug 2020

- Optimised conversion of excel data to mongoose models using Node.js, Express.js & MongoDB.

## Academic Profile

### B.Tech ( Information Technology )

St. Thomas' College of Engineering & Technology ( Kolkata )

2014 - 2018

DGPA : 8.98

## Technical Skills

- JavaScript, HTML5, CSS3, tailwindcss, Angular, TypeScript, Node.js, Express.js, MongoDB.
- Postman, Figma, Heroku, Netlify.

## Technical Projects

### Structures-Wiz



[\[npmjs.com/package/structures-wiz\]](https://npmjs.com/package/structures-wiz)

Nov 2020

- Developed the npm package for optimised usage of Data Structures in JavaScript.
- The package has a total of 4.3k+ downloads on npm.

### Horrorscope



[\[your-horrorscope.netlify.com\]](https://your-horrorscope.netlify.com)

Dec 2019

- Built design mockups in Figma & converted them using tailwindcss & Greensock Animation Platform.
- Developed GraphQL based API using Node.js & Express.js.
- Data population handled using mongoose and MongoDB Atlas storage.

## Achievements

- Sapphire Award for individual contribution in Q3 2019 at Cognizant.
- Best Team Award in T&H Business Unit for Q4 2018 at Cognizant
- Presented the paper 'Analysis of Macroeconomic Indicators using Graph Metrics' at the International Conference of Discrete Mathematics and it's Applications to Network Sciences 2018 at BITS , Goa