

# Joel Vinay Kumar

## Software Engineer

Software engineer with ~2 yrs of experience in developing resilient backend and responsive frontend applications with clean/scalable architecture and code using fundamental principles of software engineering.

✉ joelvinaykumar@outlook.com

📍 Hyderabad, India

in linkedin.com/in/joelvinaykumar

📞 8801156293

🌐 joel.swecha.io

🐙 github.com/joelvinaykumar

## WORK EXPERIENCE

### Auzmor Technology Software Engineer

06/2019 - Present Hyderabad, India  
Iowa, US based startup with products for enterprises to hire and teach

#### Achievements/Tasks

- Developed NodeJS script to monitor performance of a service, and pull meaningful statistics for requests, load test
- Built API gateway using NestJS, Express middleware, Redis which reduced unwanted traffic and improved fault tolerancy and efficiency.
- Worked on email microservice using NodeJS, Express, Redis, MySQL, REST APIs, OAuth2 which are built using MVC pattern, Object Oriented project structure and TDD
- Researched on features from various global products to help company inculcate them in current system with suitable set of technologies. Eg: Gamification, Social Learning,
- Worked on microservice built using Typescript, NodeJS, JWT, MongoDB, Redis, Bull queue which can bridge integrations between multiple platforms.
- Developed responsive user interfaces from designs using React, React hooks, Styled Components, Semantic React UI, HTML, CSS and restructured frontend for better component usability
- Resolved production level bugs in UI by quick debug to ensure smooth experience to clients

## PROJECTS

Social Network (<https://tinyurl.com/yyhf34tj>)

- NestJS, MySQL, TypeORM
- Lets you add, keep track of friends and friends of friends

Books Aisle (<https://tinyurl.com/yy55se3x>)

- NestJS, Mongoose, GraphQL
- A graphql API which add , query and update or delete book data

Simplified (<https://simplified-dev.web.app>)

- ReactJS, Firebase, Rebase UI, Animate CSS
- A single page app which posts a text as a toot

## EDUCATION

### Masters of Science, Information Technology IIIT Hyderabad

06/2017 - 06/2019 CGPA: 7.9

### Bachelors in Technology, Electronics and Communication Engineering St.Martin's Engineering College

06/2012 - 06/2016 64%

## SKILLS

Node JS

React JS

React Native

Nest JS

Typescript

Python

Flask Framework

Data Structures

UI/UX Design

MySQL

MongoDB

Flutter

## CERTIFICATES

SQL (Advanced) from Hackerrank (09/2019)

Certificate for solving problems in topics like query optimization, data modeling, Indexing, window functions, and pivots in SQL.

## VOLUNTEERING

UI/UX designer and Web development mentor, Twindle  
(10/2020 - Present)

Convert twitter thread to epub/mobi/pdf in a click. An open-source project for web app and npm module

Volunteer, Swecha (2015 - 2019)

Drives activities to promote Free Software usage in communities. Gave Flask, MERN sessions in various colleges

Translated Asteroid OS to Telugu

<https://tinyurl.com/yxknvw3b>

## LANGUAGES

English

Professional Working  
Proficiency

Telugu

Native or Bilingual Proficiency

Hindi

Professional Working  
Proficiency

## INTERESTS

Event Driven System Design

Microservices

Mixed Reality