

Joel Vinay Kumar

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EDUCATION

- **International Institute of Information Technology Hyderabad** Gachibowli, Hyderabad
Master of Science in Information Technology; GPA: 7.9 July. 2017 – June. 2019
- **St. Martin's Engineering College** Dhulapally, Hyderabad
Bachelor of Engineering in Electronics and Communication Engineering; June. 2012 – July. 2016

EXPERIENCE

- **Auzmor Technology** Hyderabad
Software Engineer June 2019 - Present
 - **Performance Monitor POC:** Developed NodeJS script to monitor performance of a service, and pull meaningful statistics of APIs. Eg: Load test an API to observe behavior of API under stress
 - **API Gateway POC:** Built API gateway using NestJS, Express middleware, Redis which reduced unwanted traffic and improved fault tolerancy and efficiency
 - **Email Microservice:** Worked on email microservice using NodeJS, Express, Redis, MySQL, REST APIs, OAuth2 which are built using MVC pattern, Object Oriented project structure and TDD technologies
 - **Email/Calendar Microservice POC:** Built microservice using NestJS, Nylas, MongoDB, Redis which can provide email and calendar functionality simplifying operations by using common Nylas profile
 - **Integration bridge Microservice:** Worked on microservice built using Typescript, NodeJS, JWT, MongoDB, Redis, Bull queue which can bridge integrations between multiple platforms.
 - **Frontend:**
 - * Developed responsive user interfaces from designs using Styled Components, React Semantic UI, HTML, CSS and restructured frontend for better component usability
 - * Resolved production level bugs in user interface by quick debug to ensure smooth experience to clients
 - * Created and maintained re-usable components using React DOM, React hooks, also ensuring cross browser and multi-platform functionality
 - * Worked closely with product development team to meet project requirements, goals and desired functionality

PROJECTS

- **Social Network (<https://tinyurl.com/yyhf34tj>):**
 - Lets you add friends, keep track of friends and friends of friends
 - Technologies used - NestJS, MySQL, TypeORM
- **Books Aisle (<https://tinyurl.com/yy55se3x>):**
 - A graphql API which add , query and update or delete book data
 - Technologies used - NestJS, Mongoose, GraphQL
- **Simplified (<https://simplified-dev.web.app>):**
 - A single page app which posts a text or link as a toot
 - Technologies used - NestJS, Mongoose, GraphQL

COMMUNITY ACTIVITIES

Twindle(Web Development Mentor): Mentored developers about web development and open source project maintenance. Helped community by organizing teams and clear documentation

Swecha(Coordination Committee Member): Drived activities to promote Free Software usage in communities. Gave Flask, MERN sessions in various colleges

PROGRAMMING SKILLS

- **Languages:** Javascript, C++, SQL, Python, Java **Technologies:** Typescript, React, Kafka, Redis
- **Frameworks:** NodeJS, NestJS, Flask **Databases:** MySQL, PostgreSQL, MongoDB