

EDUCATION

- **Institute of Technology and Management (ITM)** Gwalior, India
Bachelor of Engineering in Computer Science; CGPA: 7.63/10.00
◦ 1st Division with **Honours**
- **K.G. Children Higher Secondary School** Gwalior, India
Physics, Chemistry & Maths; 84.6%
◦ 1st Division
◦ **Distinction** in all subjects except one
◦ Selected for Central Sector **Scholarship**

EXPERIENCE

- **Fyle** Bengaluru, India
Member of Technical Staff
◦ **Notifications & Reminders**: Led this module. Led AMP reply to comments feature, email service and delayed emails feature.
◦ **MIS-Analytics**: Led this module. Developed GD service from scratch. Created big fat **Postgres** materialised view(**180+** columns; **30+** joins) for mis and analytics purpose around expenses. Later, switched to custom refresh mechanism(on normalised tables) bringing refresh time down from **55 mins to 30 sec; 100x+** improvement. Adapted the same solution for other core objects like reports, payments. Designed analytics support for various kinds of charts. Designed and led many other subsequent services/features/improvements. Used **Flask, Python**.
◦ **Jobs Infrastructure**: <https://engineering.fylehq.com/engineering-guide-to-food-truck/> End to end development of a background job processing framework. Used **APScheduler, RabbitMQ, Celery**.
◦ **Accounting Exports**: Extended existing service to support any new integration in a generic fashion. Added Netsuite, SunGL and GEFU integration using this generic support. Added support for **QBO** locations & classes. Even worked on JavaScript. Constantly **maintained** and **supported** one top QBO using customer.
◦ **Others**: Apart from above, led and developed many other features/services. Also enforced **good practices** and **initiatives** like using editorconfig, BugsNPizza etc. Was also actively involved in engineering **hiring**(seen the company grow from 9 to 90 members in around 2 years), and briefly involved in handling **production deployments** and **customer success** on bugs front.
- **Infosys Limited** Mysuru & Bengaluru, India
Systems Engineer
◦ **Connected Car Platform (CCP)**: Developed **Notification** and **Vehicle Locator** services from scratch. Used **Spring, Java, mongoDB, twilio, SendGrid**, amazon web services: **Amazon SES, Amazon SNS**.
◦ **Digital Oil Field (DOF) Phase 2**: Worked on UI of a POC that allows users to manage Oil Fields digitally under the Internet of Things **R&D** team. Added functionality for saving custom plots. Added separator views.
◦ **Telstra Mock Project**: Developed telecommunication website with user/admin functionalities and pdf bill reports support. Used Spring, Java, H2 database for **RESTful** APIs. AngularJS, Bootstrap, Google Charts for frontend.
- **Free and Open Source Software for Education (FOSSEE), IIT Bombay** Internet
Intern
◦ **Textbook Companion Programme**: <http://tbc-python.fossee.in/book-details/502/> Contributed in creating reference material for the book **Data Structures & Algorithms Analysis**. Received honorarium.

PROJECTS

- <https://platform.hasura.io/hub/projects/viaksprasad/zapier-backup>: Upload to Hasura with Drive backup.
- <https://github.com/viickky/Intro-to-Inferential-Statistics>: Detailed analysis on Haberman's Survival Data Set.
- <https://github.com/viickky/Intro-to-Descriptive-Statistics>: Conducted an experiment using a deck of cards.
- **JRail**: Training with **A** grade; JRail is a railway application with many functionalities. Added concession feature.
- **PyPedia**: Training with **A** grade; Users could create, edit, search & read various topics. Could invite other users too.
- **Airline Reservation System website**: PHP training with grade **A+**; Developed backend. Handled database.
- **OH! HELL**: Minor Project; A Windows 8 store - cards based game, popularly known as 'Lakdi' in India.
- **Code Combat**: Won the coding competition in college annual function.
- **BRICKS**: A graphics game in C language which requires user to break all the bricks without losing the ball.