

Mayank Saurabh

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EDUCATION

**INDIAN INSTITUTE OF
INFORMATION TECHNOLOGY**
**B.TECH IN COMPUTER SCIENCE &
ENGINEERING**
May 2019 | Jabalpur, MP

LINKS

Github:// [mayanksaurabh](#)
LinkedIn:// [mayanksaurabh](#)

COURSEWORK

UNDERGRADUATE

Data Structures
Algorithms
DBMS
Operating System
Compiler Design
Networks
Language Theory
Machine Learning
Probability & Statistics

SKILLS

PROGRAMMING

Advanced:

• C\C++ • Python
• JavaScript • Angular
• Flask

Proficient:

• Groovy • SQL
• Groovy on Grails

Familiar:

• Java • AWS
• ReactJS\ReactNative
• HTML\CSS

TOOLS & UTILITIES

Git • Visual Studio • Bootstrap

EXTRA

• Co-Coordinator & Student Guide, Counselling Services
• Volunteer, NSS, IIITDM-JBP
• 2nd place, SINM QUIZ, IIM INDORE Region (2017)
• 2nd place, Hindi Pakhwada Poetry Competition
• Member, IIITDM Literary and Quizzing Society

EXPERIENCE

ELUCIDATA CORP. | SOFTWARE ENGINEER

June 2019 – Present | New Delhi

Flux Analysis Dashboards

- Developed and optimized Analysis dashboards using Angular, SCSS, Flex, JavaScript ES6
- Improved performance of Viz dashboard by **reducing** loading time from 4 mins to 30 sec
- Using optimized angular code, caching results in local storage, triggering algorithm of further steps when user is at 1st step in pipeline strategically
- Refactored the FE Code base of Polly-Phi App by porting it from Angular 1.0 to Angular 5.0, **improving** code readability, re-usability, consistency, scalability

Inventory Log Management Software GDBxT

- Developed DNA to Protein workflow modules for Pfizer using Groovy on Grails (2.5.5), OracleDB. Led a team of 3 Devs
- Developed **model** integration and functional **tests** in Geb and Spock, which were used as an example for writing tests across GDBxT Development team in Pfizer
- Received **appreciation** from Pfizer for completing features and tests in the module 3 months before production deployment deadline.
- Led to recurring **renewal** of project, which started as a pilot before converting into successful 1 year subscription

CDEX Platform for Single Cell Analysis

- Developing back-end, infrastructure of CDEX platform for Celsius Therapeutics using Flask and AWS
- Implemented configuration management for supporting local development in different environments

ELUCIDATA CORP. | SOFTWARE ENGINEER INTERN

May 2018 – Nov 2018 | New Delhi

Phantassus-Polly Integration

- Worked on customization and integration of Phantassus (open source web application for visual & interactive gene expression analysis) with Polly to help scientists use heat maps and GSEA on projects on Polly and save the analysis and share it among other **scientists**, facilitating increased **collaboration**

COMBI-T Map in Intomix

- **Re-designed** and **Re-engineered** the existing Combi-T map in the Intomix App for better user-experience for scientists
- By **replacing** old tree styled Kegg Map by google maps styled Pathway Visualization
- Developed front-end in Angular and map generation part using WebGL

ACCOMPLISHMENTS

2018	7th	Smart India Hackathon(Bengaluru Centre)
2017	Finalist	Smart India Hackathon(MIT Manipal)
2016	1st	Line Follower Bot competition, Abhikalpan, IIITDM