Harman Singh

Software Engineer | Gold medalist | NIT Uttarakhand

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SKILLS

- Spring/Spring boot
- Reactjs
- Swing
- Architecture and design
- Algorithms and data structures

Languages:

- Java
- Python
- Typescript, javascript

Tools/Libraries:

Kafka, MongoDB, SQL, Java Swing.

EXPERIENCE

D.E. Shaw India Pvt. Ltd., Hyderabad, India - *Member Technical*

JULY 2018 - PRESENT

- Worked on full stack development of the electronic trading software that is used by traders for monitoring data and placing trades on various financial instruments.
- Fulfill trader requests for new feature additions, added support for trading new type of instruments.
- My work involved a lot of **proprietary tools/libraries, Java, Swing, Python**.

Coviam Technologies Pvt. Ltd, Bengaluru, India - *Intern*

JAN 2018 - JUNE 2018

- Tiket.com re-architecture - Spring Boot Application / REST Api Development, ReactJS components.
  - Migrated monolithic version of tiket.com to micro service based architecture.

- ○ Developed Catalogue microservice and exposed REST APIs. Also worked on other microservices related to ticket booking/history and user's profile information.
- ○ Also contributed in mobile and desktop versions of the Reactjs frontend.
- ○ Worked on Spring boot, mongoDB, ReactJs and Kafka.

EDUCATION

National Institute of Technology, Uttarakhand *- B. Tech. in Computer Science and Engineering, 9.77*

JULY 2014 - JUNE 2018

- Gold medalist

PROJECTS

Calendar Vision - 2016

Digitalize any paper calendar.

Extracts event information from paper calendars using ML, ocr, several stages of image processing then pushes those events to a digital calendar service like google calendar for easy reminders :)

Habit Analysis using Machine Learning - 2017

Detects habit patterns of people via daily todo app interaction and suggests an optimized and a realistic schedule for that individual. Can help in increasing ones productivity.

Link: https://dl.acm.org/citation.cfm?doid=3154979.3154996