

# DEEPAK KUMAR

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## Experience

### Eightfold AI

QA Intern

Apr, 2023 – Aug, 2023

Bengaluru, Karnataka

- Implemented advanced testing methodologies including pytest, pytest-bdd, and Selenium to contribute to the development of a comprehensive regression test suite for Eightfold's Talent Acquisition product; achieved 70% test coverage and reduced release cycles by 30%
- Spearheaded the design and execution of efficient test cases, leveraging test automation tools and techniques, resulting in a 50% reduction in manual testing efforts and a 25% increase in overall test coverage.
- Collaborated closely with development and product teams to implement automated testing framework, resulting in 50% reduction in software defects and saving 20+ hours per week in manual testing efforts.
- Streamlined Eightfold's software testing process, leveraging automation tools and frameworks, which led to a 50% reduction in regression testing time.

## Education

### Dr. Ambedkar Institute of Technology

Bachelor of Engineering in Computer Science

Aug, 2019 – Jul, 2023

Bengaluru, Karnataka

CGPA: 8.5

## Relevant Coursework and Certifications

- Data Structures
- Algorithms
- Database Management
- The Complete Web Development Bootcamp on Udemy
- The Complete front-end Web Development Course
- Google Cloud Fundamentals: Core Infrastructure

## Technical Skills

**Programming Languages:** Python, JavaScript

**Technologies/Frameworks:** Selenium, pytest, React, Express, Node.js, MongoDB, git, HTML/CSS

**Familiar With:** C/C++, MySQL, Java, Dart, Flutter, TypeScript

## Projects

### GrostoXite | MongoDB, Express, React, Node.js

[link](#)

- Developed a platform similar to Zerodha's Kite Web Client using the MERN stack.
- Designed the front-end with React, seamlessly integrating robust validation features for user registration and login, resulting in an exceptional user experience.
- Utilized MongoDB for efficient data storage, managing user portfolios, stock prices, and mutual fund NAVs, optimizing data retrieval and storage processes.

### Flash Chat app | Flutter, Firebase

[link](#)

- Conceptualized, designed, and developed a group chat application using Flutter and Firebase, providing a seamless communication platform.
- Strengthened security with Firebase authentication, ensuring secure user access through email and password validation..
- Harnessed Firestore to efficiently store and manage user data and messages in a secure cloud-based environment, facilitating real-time chat functionality.

## Achievements

- Qualified for the Grand finale of **Smart India Hackathon 2022** and led a group of 6 people
- Solved over 250 Data Structures and Algorithms questions on different platforms