

# Sai Hemanth Beeraka

www.saihemanth.com

## CONTACT

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## EDUCATION

### NATIONAL INSTITUTE OF TECHNOLOGY, TRICHY

B. Tech in Computer Science Engineering

MAY 2016 - MAY 2020

CGPA: 8.77/10

Tiruchirappalli, India

## COURSEWORK

### UNDERGRADUATE

Algorithms and Data Structures  
Database Management Systems  
Software Engineering  
Machine Learning  
Internetworking Protocols  
Parallel Computing

## SKILLS

Fluent in  
Spring Boot • Java • GraphQL  
TypeScript • React • Redux

Experience with  
Haskell • C++ • Python

## ACHIEVEMENTS

- 5th - TopCoder Humblefool Cup
- Candidate Master - CodeForces
- Qualified for Regionals - ICPC
- Winner - EthIndia Hackathon '19

## ABOUT ME

Accomplished Software Engineer with 3+ years of experience building full-stack web applications. Successfully delivered on-time completion of 90%+ of agile release tasks. Boosted end-user experience by reducing load times by over 50%. Led team in implementing best practices such as CI/CD, Immutability, and TypeScript. Passionate about optimizing codebases for maintainability and testing. Collaborative team player with a track record of providing valuable feedback to drive superior results.

## EXPERIENCE

### D. E. SHAW & CO. | SENIOR MEMBER TECHNICAL

Jan 2022 - Present | Hyderabad, India | [deshawindia.com](https://deshawindia.com)

- Built and launched a React-TypeScript platform for hiring managers and recruiters to efficiently monitor and evaluate job searches. Created Java-based GraphQL APIs to support the application's data requirements.
- Improved the Java/SQL-Server based Human Capital Data Warehouse by integrating and storing employee promotions and EEOC data in a centralized database. This helped reporting teams to generate holistic insights.
- Developed secure REST APIs using Java Spring Boot for the Voluntary Self-Identification website for US-based employees.

### D. E. SHAW & CO. | MEMBER TECHNICAL

Jul 2020 - Dec 2021 | Hyderabad, India

- Engineered Java-based applications to load data from various internal HCM systems into a shared data warehouse. Migrated the codebase to consume data from a different system for employee data (Workday).
- Developed a React-Redux website for the firm's leaders to visualize headcount and attrition trends enabling informed decisions. Took ownership of the project and intermediated discussions between stakeholders.

### D. E. SHAW & CO. | SOFTWARE DEVELOPER INTERN

May 2019 - Jul 2019 | Hyderabad, India

- Developed a full-stack web application using React-Redux and Spring Boot to manage the bookings of the firm's multiple housing residences, which was achieved earlier by a more rudimentary and error-prone method.

### GMETRI XR | WEB DEVELOPER INTERN

Nov 2017 - Jan 2018 | Bangalore, India | [gmetri.com](https://gmetri.com)

## PROJECTS

### FIREFOX DEVELOPER TOOLS | JAN - MAR 2022

[bugzilla.mozilla.org](https://bugzilla.mozilla.org)

Contributed 10 bug fixes to multiple components in the developer tools over a course of 3 months.

### CODE CHARACTER | JAN - MAR 2018 & JAN - MAR 2019

[github.com/delta/codecharacter-web](https://github.com/delta/codecharacter-web)

An AI programming challenge where players, using a high-level API, write code to control troops and battle opponents in a real-time strategy game simulation.

- 10,000+ matches by 1,300+ players from over 70 countries.
- Built the React-TypeScript web app, which handles user registrations, code submissions, and renders simulations received from the back-end.