

Sai Hemanth Beeraka

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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

Passionate full-stack engineer with 2+ years of professional experience building Java and TypeScript-based web applications. Constantly striving for better coding practices, testing, and maintainability of codebases. In previous roles, ensured over 90% on-time completion and delivery of agile release tasks. Reduced load times of team websites and API response times by up to 50% and drove the team to incorporate practices such as immutability, CI/CD, and TypeScript.

EXPERIENCE

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

Jan 2022 - Present | Hyderabad, India | deshawindia.com

- Implemented and released a React-TypeScript website for recruiters and hiring managers to get an overview and analysis of job searches. Built Java GraphQL APIs for the application's data needs.
- Mentored and collaborated with teammates to build a React website that generates quarterly attrition reports for the Human Capital team.
- Enhanced the Java/SQL-Server based HC Data Warehouse to sync and store data such as Employee Promotions and EEOC data. This enables reporting teams to generate holistic insights.

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

PROJECTS

FIREFOX DEVELOPER TOOLS | JAN - MAR 2022

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

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.