

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 JavaScript-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 release cycle tasks. Reduced load times of websites and API calls by up to 50% and drove the team to incorporate cutting-edge 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 deployed a React-TypeScript website for recruiters and hiring managers to get an overview and analysis of job searches. Followed an agile model of delivering features in cycles of 4 weeks.
- Mentored and collaborated with teammates to build a React website that generates quarterly attrition reports for the HC team.
- Enhanced the HC Data Warehouse to sync and store new domains of 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 depend on a different system for employee data.
- 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.