TARUN BANDARI

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SUMMARY

Full Stack Engineer with **4+ years** of experience in the design, development, and deployment of **scalable, high-performance web applications**. Proven ability to convert complex business requirements into **robust technical solutions** using a **React.js** and **Spring Boot** stack. Excels at **optimizing system performance** (e.g., reducing latency or improving throughput) and delivering **secure, maintainable code** within **Agile/Scrum** environments. Strong collaborator with a track record of effective cross-functional teamwork and enhancing code quality through rigorous **peer review** processes.

WORK EXPERIENCE

Connate Software Solutions.   Hyderabad | Remote
Software Engineer   Aug 2021 – Present

- **United Health Care, USA** | Aug 2023 – Present
  - Developed Single Page Application (SPA) with React as front-end, Spring Boot as back-end and MySQL for database support.
  - Applied routing with react-router-dom. Customized routing to build an interceptor for authorizations among all pages ensuring the validation of current user.
  - Applied routing with react-router-dom. Customized routing to build an interceptor for authorizations among all pages ensuring the validation of current user.
  - Constructed Spring Boot four layers including model, DAO, service and controller. Manipulated database with Hibernate and created Entity to interact with persistence. Integrated users with roles and granted users three kinds of permissions. Normalized complicated relationships among tables to optimize database structure.
  - Used CrossOrigin to solve CORS problems, used RestController to control the mapping of API address and send ResponseEntity out of back-end.

- **Paragon Clinical Hub** | Sep 2021 – Jul 2023
  - Development environment is mainly based on React as front-end, Spring Boot as back-end and MySQL Server for database support.
  - Configured services with HttpClient to send requests to back-end, including get, post, put, and delete methods. Handled data in each service with TypeScript, JavaScript, jQuery, lodash, etc.

SKILLS

Programming/Scripting Languages: JavaScript, TypeScript, Java
Frameworks/Libraries: React, Vite, Redux, Material UI, Tailwind, Spring Boot, Spring MVC
Databases: Mongo DB, MySQL
Version Control & CI/CD: Git, GitHub

EDUCATION

Bachelor of Commerce(Computers)   Apr 2015 – Jan 2018
Ahsanullah University of Science and Technology | Dhaka, Bangladesh   GPA: 7.1

PROJECTS

Driver and Automobile Search History (DASH)
DASH is a policy and claims information system designed with industry input to retrieve driver and auto data for the North American insurance industry. It provides detailed reports on a consumer's auto insurance history including policies, claims, and other relevant information used to provide an insurance quote.

Role: Fullstack | Frontend Lead
Stack: React (TS), Redux, MUI, NodeJs, .NET Core, SQL Server, Azure Cloud, Docker, Azure Pipeline (CI/CD)

IBC Website | Live
An SEO focused website with CMS support that follows a composable content modeling, along with serverless functions that allow communicating with secure in-house APIs for various features.

Role: Fullstack | Team Lead
Stack: NextJs, React, Tailwind, StoryBlok, Algolia, Azure Function, Azure Cloud, Azure Pipeline (CI/CD)

Pixi Travel insurance
A PAAS travel insurance solution, from product building to sales distribution equipped with dynamic script execution for premium and tax calculations. It also offers customizable payment gateway integration.

Role: Fullstack
Stack: React (TS), Redux, MUI, .NET Core, SQL Server, Azure Cloud, Docker, Azure Pipeline (CI/CD)

Secret Management Portal
A web app that provides a unified platform for managing application secrets scattered throughout multiple Azure directories. Includes role-based access, rotation of secrets and alert system for expiring secrets.

Role: Fullstack | Solution Architect | Team Lead
Stack: React (TS), Redux, MUI, .NET Core, SQL Server, MS Graph API, Azure Cloud, Docker, Azure Pipeline (CI/CD)

react-infinite-observer | GitHub | [npm](npm)
An open-source npm library that offers a simple hook to implement infinite scrolling in React components. Implemented with IntersectionObserver API.

Role: Personal project
Stack: React (TS), Vitest, StoryBook, tsup, GitHub Workflow (CI/CD)

NextJs-Messenger | GitHub **|** Live
A fully responsive real-time chat app with support for social login, group chat, active status, chat history deletion and searching for other users.

Role: Personal project
Stack: NextJs, React, MongoDB, Prisma, Tailwind, Zustand, Pusher, Cloudinary, Vercel

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