ANUDEEP DUBA

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# OBJECTIVE

A Result-oriented professional with **10**+ **years** of experience and a proven record of achievement in conceiving and implementing effective ideas; targeting senior-level assignments in **Front-End/Full-Stack Development** with a leading organization of repute.

# PROFILE SUMMARY

* Extensive experience as **Full-Stack Developer** in **Designing**, **Developing** and **Testing** of Web Based Ap- plications in various domains.
* Skilled in **UI / Front-End development**; collaborated with API and UX teams and successfully developed the best and simplistic UI.
* Proficient in **Back-End / Java programming** with a strong understanding of **object-oriented principles**.
* In-depth knowledge of **React, Angular, HTML, CSS, JavaScript and TypeScript**.
* Experience in developing **Reusable components** with **React** and **Angular**
* Hands-on experience in implementing State Management using **Redux toolkit** and **React Context**.
* Sound knowledge in **JavaScript Closures, ES6+ Features, Promises and Async/Await.**
* Skilled in **TypeScript** for robust static typing and **Zod** for effective data schema creation, ensuring secure and type-safe web development.
* Proficient in utilizing **Spring Boot** for the swift development and deployment of **RESTful APIs**
* Extensive experience with **Spring Data JPA** for seamless integration of Java applications with relational databases.
* Proven track record in designing and **implementing RESTful APIs** for various frontend applications.
* Strong proficiency in designing and **managing MySQL databases** for REST API backend storage.
* Performed unit testing using **Jasmine, Karma and Junit**
* Hands-on experience in **Agile** and **Kanban** development methodologies.

# Worked with UI technologies like React Hooks, Axios, RxJs, DevExpress, ReactiveForms, Observ- ables, Subjects, Promises and Highcharts.

* Adept at full-stack development, specializing in creating end-to-end solutions with **Java, Spring Boot, and MySQL** on the back-end and **React and Angular** on the front-end

# EDUCATION

**MS (Integrated) in Software Engineering**

**GPA: 9.46 (Rank 3)** VIT University, India

# SKILLS

**Front-End: React, Angular, JavaScript, TypeScript, HTML, CSS Back-End: Java, Spring Boot, Spring JPA, Hibernate, Python Database: MySQL**

# EXPERIENCE

**Senior Software Engineer (Front-End)** March 2022 - Present

**Informatica** Redwood City, CA

# Responsibilities

* Owned many features **end-to-end** and delivered them on time.
* Developed **user-friendly interface** for an API design tool from scratch with interactive forms and dynamic tables boosting Informatica’s re-entry into the iPaaS market and earning increased recognition from Gartner.
* Proficiently create and seamlessly convert comprehensive layouts and wireframes into fully functional HTML pages
* Created generalized functional components for project-wide use utilizing **React Context API** and **Redux Toolkit** to manage state, resulting in a 20% reduction in total code volume.
* Implemented **Thunk** async middleware and **custom hooks** for improved code maintenance.
* Established an infrastructure for easy **form validation** with the **JOI library**, facilitating various forms and inline validations.
* Have extensively used **React in-built hooks** for state maintenance and performance optimization.
* Actively involved in **gathering requirements** from UX designers and converted them into system requirement specifications.
* **Led and mentored** 4+ junior developers and interns in an agile environment, ensuring timely sprint task delivery.
* Took the role of **scrum master** for a couple of releases and coordinated with the team on their daily sprint tasks.

**Member of Technical Staff - 2 (Full-Stack)** Feb 2016 - March 2022

**NetApp** Sunnyvale, CA

# Responsibilities

* Applied **Spring Boot’s simplicity** to rapidly **prototype** and **develop RESTful APIs**, minimizing boilerplate code and configuration. This approach proved pivotal in the early stages of the project.
* Applied features of **Spring Boo**t and cleaned up lot of legacy code, **optimizing RESTful API**s for high performance. Notably, revamped an existing API, leading to a 30% improvement in response times.
* Applied **functional programming** paradigms in **Java**, optimizing code readability and scalability.
* Employed Java 8’s **Stream API** and **lambdas** to enhance the efficiency of data transformations and filtering, resulting in cleaner, more maintainable code and improved system performance.
* Implemented **Hibernate** alongside **Spring Data JPA** to establish a robust **Object-Relational Mapping**

(ORM) layer, enhancing data interaction and persistence.

* Created **UI for NFS and CIFS** protocols with file analytics, enabling customers to identify and clear redundant data, optimizing cloud storage and saving costs.
* Developed **reusable components** using **Typescript** and **Angular** and **RxJs** methods, ensuring clean code
* Implemented error handling, strictly typed coding, and utilized **Async-await**, **Promises**, and **Observables** for asynchronous API calls.
* Leveraged **DevExpress** for grid creation, **Reactive forms** for form handling, **Bootstrap**, and **SCSS** for styling and responsiveness.
* Integrated **Google Analytics** into the UI, guiding internal UI improvements based on page visit data.
* Collaborated on **Blackduck** scans and reviewed third-party libraries for product security.
* Actively participating in **code reviews** and providing feedback.

**Project Engineer (Full-Stack)** July 2014 - Feb 2016

**Wipro** Bengaluru, India

# Responsibilities

* Data pre-processing with **Python**, utilizing **Pandas** and **Numpy** for manipulation and cleaning.
* Overseeing code repository management with **Git** and implementing auto code generation scripts using **Python**

and Pylint for code quality.

* Modified Atom IDE’s **JavaScript** code, designed page layouts, and collaborated on client presentations for review.
* Actively participated in daily and status meetings, maintaining **effective communication** with project man- agers and developers.
* Used good code standards and maintained readability using **Sonarlint PUBLICATION**
* Decision Making System using Machine Learning and Pearson for Heart Attack Prediction, IEEE in 2017.

# ACADEMIC ACHIEVEMENTS

* Conferred with Merit Award for academic performance in 2018.
* Acted as Program Representative at Student Council.