NIKITA RAI

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PROFESSIONAL SUMMARY

- Experienced in developing and implementing Beckn Application Protocol (BAP) and Beckn Provider Protocol (BPP) within a microservices architecture to enable seamless data exchange, with proficiency in validating search requests, querying databases, and managing data flow between BPP and BAP using AWS.
- Skilled in crafting intuitive, responsive user interfaces using HTML, CSS, JavaScript, jQuery, and Tailwind CSS, along with expertise in data management (Excel uploads/downloads in .xlsx format) and designing efficient invoice generation systems to optimize workflow and accuracy.

SKILLS

- **Frontend Development:** JavaScript, React-JS, HTML5, CSS3, Tailwind CSS
- **Backend Development:** Node-JS, Express-JS, Microservices
- **Database Management:** PostgreSQL, MongoDB, Firebase
- **Cloud & DevOps:** AWS, Docker, GitHub, Keycloak
- **Validation & Security:** Joi Validation

ORGANIZATIONAL EXPOSURE

Tibil Solutions, Bangalore | Backend Developer   **December 2023 – November 2024**

- Leveraged Beckn Application Protocol (BAP) and Beckn Provider Protocol (BPP) within a microservices architecture to enable seamless seeker-provider interactions, streamlining data flow and enhancing communication efficiency and accuracy.
- Managed search request validation via gateways, confirmed domain existence, and routed requests to BPP, utilizing AWS services and advanced querying techniques for precise, efficient job search data retrieval in collaboration with DASH.
- Coordinated reliable and timely data transmission across distributed systems using AWS, ensuring accurate data routing back to DASH and optimizing overall job search operations.

Arteria Technologies, Bangalore | SAP-UI5 Developer   **August 2023 – November 2023**

- Designed an intuitive, responsive user interface using HTML, CSS, JavaScript, jQuery, and Tailwind CSS to enhance user experience.
- Built features for Excel data uploads/downloads in .xlsx format and developed an efficient invoice generation system, streamlining data management and boosting operational workflow and accuracy.

Procohort Technologies, Bangalore | Backend Developer   **January 2022 – August 2023**
- Implemented robust backend functionalities for a CRM system using Node.js and Express.js, focusing on secure API development, server-side logic, and seamless integration with PostgreSQL for efficient data storage and retrieval.
- Optimized CRM performance and scalability by designing and managing RESTful APIs, handling user authentication, and ensuring reliable database operations through structured queries and backend architecture best practices.

PROJECTS

DASH | Node.js, Express.js, Keycloak for authentication and Joi Validation
- Developed APIs for microservices in the Dash SaaS solution, enhancing modularity and scalability with features for job posting, listing, user registration, and comprehensive job management (creation, modification, deactivation).
- Strengthened platform security and user experience by integrating Keycloak for token-validated authentication and implementing efficient, secure microservices.

CRM | Node-js, Express-js, PostgreSQL, JWT
- Developed a secure backend for a CRM application using Node.js, Express.js, and PostgreSQL, implementing JWT-based authentication, encrypted password handling, and role-based access control for secure user management.
- Designed and built RESTful API endpoints to support user registration, login, profile updates, and full CRUD operations on CRM data, with middleware validation and SQL queries to ensure data integrity and performance.

User Management/Auth Functionality | React-js, Node-js, Express-js, Mongo-DB, JWT, Tailwind-css
- Created user-friendly authentication and profile management systems with JWT for secure data storage and intuitive sign-in forms (username/email and password), enabling seamless access and profile editing.
- Enhanced user experience with modern, responsive interfaces using Tailwind CSS and implemented HTTP methods (Fetch, Post, Put, Delete) for efficient, smooth data handling across the platform.

EDUCATION QUALIFICATION

- BCA (Bachelor of Computer Application) from Dibrugarh University
  2022 with an aggregate of 75.16%
- 12th from Kendriya Vidyalaya A.R.C DoomDooma
  2018 with an aggregate of 60%, CBSE Board
- 10th from Kendriya Vidyalaya A.R.C DoomDooma
  2016 with an aggregate of 8.8 CGPA, CBSE Board