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GitHub : https://github.com/worldOfRavi
Portfolio : https://raj-portfolio-zeta.vercel.app/

SUMMARY

Results-driven Full Stack Developer with 1 year+ hands-on experience in designing and developing scalable web applications. Skilled in modern frontend and backend technologies, with a strong foundation in data structures, algorithms, and cloud deployment. Passionate about building efficient, user-friendly applications and continuously learning new technologies.

TECHNICAL SKILLS

- **Languages:** Java, JavaScript, TypeScript, Python
- **Frontend:** HTML5, CSS3, React.js, Next.js, Material UI, Shadcn, Bootstrap, React Query
- **Backend:** Node.js, Express.js, RESTful APIs
- **Databases:** MongoDB, PostgreSQL, MSSQL, SQL
- **Cloud & DevOps:** AWS, Firebase, Docker, Cloudinary
- **Version Control:** Git, GitHub
- **Tools & Technologies:** Postman, IntelliJ, Eclipse, VS Code, Slack
- **Testing & CI/CD:** Jenkins, GitLab CI/CD, BrowserStack
- **Operating Systems:** Windows, Linux

PROJECTS

E-Commerce Platform - https://deploy-online-shop.onrender.com
- Developed a full-fledged e-commerce application with user authentication, product management, and a seamless checkout process.
- Implemented secure payment integration and optimized performance with lazy loading and caching.

Real Estate Management System - https://raj-real-state.onrender.com
- Built a real estate listing platform that allows users to browse, filter, and book properties.
- Integrated Google Authentication and Google map for the location.

Real-Time Chat Application - https://chat-app-fy98.onrender.com

- Created a real-time messaging application using WebSockets for seamless communication.
- Implemented features like group chat, message encryption, and user status updates.

PROFESSIONAL EXPERIENCE

Full Stack Software Developer

SoftTechpark, Kathmandu, Nepal (Nov 2020 – Oct 2022)

- Developed and maintained scalable web applications using Next.js, React.js, and TypeScript.
- Designed and implemented RESTful APIs using Node.js and Express.js for smooth frontend-backend communication.
- Managed MongoDB databases, ensuring optimal performance and security.
- Improved UI/UX by integrating Material UI and Shadcn, enhancing accessibility and responsiveness.
- Implemented JWT-based authentication and OAuth for secure user access.
- Collaborated with cross-functional teams, utilizing Git for version control and efficient workflow management.

Python and Machine Learning Intern

Karunadu Technology Pvt. Ltd, Bengaluru, India (Dec 2018 - Mar 2019)

- Gained proficiency in Python, including data structures, OOP, and scripting.
- Learned machine learning concepts, including supervised and unsupervised learning models.
- Worked on projects such as height-based weight prediction and brain tumor detection using ML models.

EDUCATION

Full Stack Software Development

Lambton College, Ontario, Canada (Jan 2023 – Aug 2024)

- Developed expertise in Java, Python, and JavaScript through hands-on projects and coursework.
- Gained expertise in relational (SQL) and non-relational (MongoDB) databases.
- Developed and deployed web applications on cloud platforms like AWS and Netlify.
- Strengthened debugging and testing skills for application reliability.
- Learned security best practices for web application development.

Bachelor of Engineering (B.E)

RR Institute of Technology (Visvesvaraya Technological University) (July 2016 – July 2020)

- Specialized in Data Structures and Algorithms.
- Developed an Employee Attendance Management System using Java and JSP.

AWARDS & RECOGNITIONS

- Dean's List: First and Second Semester, Lambton College.
- Certificate of Appreciation: Semester topper, Visvesvaraya Technological University.

CERTIFICATIONS & TRAINING

- React Query & Advanced State Management (Udemy)
- Backend Development with Node.js & Express (Coursera)
- Docker & Containerization (LinkedIn Learning)