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Professional Summary

Highly motivated and detail-oriented Java Full Stack Developer with hands-on experience in building and deploying scalable web applications using the MERN stack and core Java technologies. Trained in DevOps tools and practices including Docker, Jenkins, GitHub, and Kubernetes. Strong understanding of software development life cycle, RESTful APIs, and microservices architecture. Quick learner with excellent problem-solving skills, currently seeking full-time opportunities to contribute to innovative software engineering and DevOps teams.

Technical Skills

Languages: Java, JavaScript (ES6+), HTML, CSS, C, C++, Python
Frontend: React.js, Redux, Tailwind CSS, Bootstrap, Material UI, Ant Design
Backend: Node.js, Express.js, Spring Boot , Hibernate, REST APIs
Databases: MongoDB, MySQL
DevOps & Tools: Docker, Jenkins, Git, GitHub, Kubernetes (Basics), Nginx
Others: JWT, Multer, Socket.io, Axios, GridFS, Leaflet, Formik, Yup, Bcrypt, Moment.js

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Education

Bachelor of Computer Engineering
Khwopa Engineering College, Nepal
Jan 2017 – Nov 2022
Website: https://khec.edu.np/

Certifications & Training

ThothIT Training | Irving, Texas (May 2024 - Nov 2024)

- Design and develop robust, high-performance backend services using **Java**, **Spring Boot**, and **Hibernate**.

- Develop responsive front-end interfaces using **HTML5**, **CSS3**, **JavaScript**, and frameworks like **React.js** or **Angular**.
- Build and consume **RESTful APIs** for seamless communication between the client and server.
- Implement and optimize **SQL/NoSQL** database schemas (e.g., PostgreSQL, MySQL, MongoDB).
- Manage source control and CI/CD pipelines using **Git**, **Jenkins**, **Docker**, and **Kubernetes**.
- Ensure application security, session management, and data protection.
- Write unit and integration tests using **JUnit**, **Mockito**, or equivalent frameworks.
- Collaborate with cross-functional teams in an **Agile/Scrum** environment.
- Monitor and support applications in **production**, diagnosing and resolving performance or functionality issues.

Professional Experience

Web Developer Intern
Bitflux Technologies, Nepal
Jan 2020 – Feb 2023

- Constructed 30+ responsive web pages using HTML, CSS, and JavaScript, achieving a 95% Lighthouse performance score due to optimized code and image compression techniques.
- Developed and enhanced UI features using React.js and reusable components
- Integrated REST APIs and ensured mobile responsiveness
- Built modular, reusable code for maintainability and scalability
- Collaborated using Git in a team-based development environment

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Projects

DHL Clone | MERN Stack CRUD App
Dec 2022 – Feb 2024

- A courier management web application with real-time status tracking
- Used **Leaflet** for map integration and **Socket.io** for live updates
- Integrated file uploads with **Multer**, and used **JWT** for user authentication
- React JS
- React Router
- Redux/Redux Persist
- UI Libraries – Material Design and Ant Design
- Formik & Yup Form Validation in React

- Mongo DB, Express
- Node JS
- Password Encryption using Bcrypt
- Socket.io for bi-directional communication.
- JsonWebToken Authentication/Authorization
- Moment for parsing,validating, manipulating and displaying date and time.
- Multer for file upload feature
- Middlewares

Blog Site | MERN Stack CRUD App
Jan 2023

- Built a full-featured blog platform with CRUD functionality using MongoDB, React, Express, and Node.js
- Utilized GridFS for file streaming, and JWT for secure user login

AdvanceLottery Web App(Jan 2023)

- Randomized draw system using number and color match
- Real-time UI updates and interaction using React

Text Formatter | React App(Dec 2022)

- Text processing tool with formatting, case conversion, and word count features

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DevOps Projects (Academic & Personal)

CI/CD Pipeline Setup for MERN App(Feb 2025-Present)

- Containerized application using Docker
- Set up Jenkins for automated testing and deployment
- Version control and collaboration with Git & GitHub
- Deployed on Kubernetes (local/minikube)

College Projects

Library Management System(Jan 2018)

- Built in C for basic library record keeping
- Data Structures
- File Handling
- Basic Operation like Add book , Search Book , Issued Book

- Viewing Available Books
- A Console application that allows users to manage a library's book collection and user interaction

E-Pharma Website(Mar 2020)

- HTML/CSS/JS + PHP + MySQL website for pharmaceutical product listings
- User Interface
- Dynamic Content
- Database Management System(MySQL)
- Order Processing
- Deployed on free hosting: https://hostepharma.epizy.com

3D Shooting Game (April 2021)

- Developed interactive game and basic ML prototype with Python and CNN

Linear Equation Solver(June 2022)

- **Interpreting user input** as a math equation, even with irregular spacing or signs.
- **Parsing both sides of the equation** using regular expressions to identify terms involving x and constant values.
- **Balancing the equation** by isolating x on one side and computing the result.
- **Handling edge cases**, such as infinite solutions (e.g., $2x + 3 = 2x + 3$) or no solution (e.g., $x + 2 = x + 5$), like a symbolic algebra system.

Soft Skills

- Excellent team collaboration and communication
- Adaptable and eager to learn emerging technologies
- Strong troubleshooting and analytical abilities

Interests

- Full Stack Development
- DevOps Practices
- Microservices Architecture
- AI/Machine Learning (Entry-level Interest)