RAVI KUMAR BAGHEL

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CAREER OBJECTIVE:

To begin my career as a Java Full Stack Developer in a growth-oriented organization where I can apply my knowledge of Java, Spring Boot, React, and AWS to build scalable applications, continuously learn new technologies, and contribute to real-world software solutions.

TECHNICAL SKILLS:

- **Programming Languages:** Java (Core, JEE, Java 8+), SQL, JavaScript
- **Frameworks & Technologies:** JDBC, Servlets, JSP, Hibernate, Spring, Spring Boot, Spring MVC, Spring Data JPA, Spring REST
- **Frontend Technologies:** React, HTML, CSS, Bootstrap
- **Databases:** MySQL, Oracle SQL
- **Cloud: AWS** – EC2, IAM, S3, EBS, ELB, Route53, Lambda, Elastic Beanstalk, CloudWatch
- **Tools & IDEs:** Eclipse, VS Code, Postman, Maven

PROJECTS:

Employe management system using servlet.
Online Shopping Website Using API.

Online Tutorial Management System (Spring Boot + React)

- Developed a full-stack video learning platform using Spring Boot REST APIs, React, and MySQL.
- Implemented RESTful services using @RestController, @GetMapping, @PostMapping, @PutMapping, and @DeleteMapping for user authentication, video upload, likes, and comments.
- Built responsive React UI using Axios, React Router, and React Hooks for API integration and state management.
- Designed relational database schema using Spring Data JPA/Hibernate, implementing @OneToMany and @ManyToOne mappings between User, Video, Like, and Comment entities.
- Used Maven for dependency management and Postman for REST API testing.

Note Application (Spring Boot + React)

- Developed a full-stack Note Taking Application with React frontend and Spring Boot REST APIs.
- Implemented complete CRUD operations following RESTful best practices.
- Used Spring Data JPA/Hibernate for ORM and MySQL database integration.
- Applied Formik and Yup for form handling and validation in React.
- Implemented session-based authentication and React Router for navigation.

AWS Deployment Project – Elastic Beanstalk (Blue-Green Deployment)

- Deployed a Spring Boot application using AWS Elastic Beanstalk with the Blue-Green deployment strategy to achieve zero-downtime application updates.
- Used Elastic Beanstalk to automatically provision and manage underlying AWS resources such as EC2 instances, load balancing, and scaling.
- Configured Amazon RDS (MySQL) for backend database connectivity with the application environment.
- Implemented Amazon CloudWatch for application log monitoring, health status, and performance metrics.
- Managed IAM roles and security groups through Elastic Beanstalk for secure access and permissions.

AWS S3 Static Website Hosting
AWS S3 CORS Mini Project

- Implemented cross-bucket static website hosting using Amazon S3 and resolved browser CORS issues by configuring S3 CORS policies.
- Enabled and tested S3 static website hosting for multiple buckets and validated cross-origin content loading.
- Gained hands-on experience with S3 permissions, CORS rules, and browser security behavior.

AWS EFS Shared Storage Mini Project

- Created an Amazon EFS file system and mounted it on multiple Red Hat EC2 instances using NFS utilities.
- Configured shared storage access, enabling real-time file creation, modification, and deletion (CRUD) across EC2 instances.

EDUCATION:

Master of Computer Application   68.38%

Atal Bihari Vajpayee University Bilaspur (CG)   2024

Bachelor of Computer Application   82.78%

DLS PG College Bilaspur   2022

Atal Bihari Vajpayee University Bilaspur (CG)

TRAINING

Java Full Stack Development – JSpiders (2025)
- Hands-on training in Java, Spring Boot, React, REST APIs, Hibernate, MySQL, and AWS basics.