

# Ujjwal Kumar

Software Engineer

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## SUMMARY

Results-driven **Software Engineer** with over 2.7 years of experience in designing and implementing scalable applications using **Java**, **Spring Boot**, and **Hibernate**. Proven expertise in **Microservices** architecture, RESTful API development, and leveraging modern front-end technologies like **React.js** and **Angular**. Adept at solving complex problems, enhancing security, and optimizing performance across various projects. Known for a collaborative approach, excellent communication skills, and a commitment to continuous improvement and innovation.

## EXPERIENCE

### Hinduja Tech Limited (Sep 2022 – Present)

*Software Engineer*

- Engineered scalable applications using Java, Spring Boot, and Hibernate, incorporating Microservices for increased flexibility.
- Integrated Kafka for efficient event streaming and developed dynamic front-end interfaces with React.js, Angular, and Kendo UI.
- Addressed and fixed a major security vulnerability in the Hyundai DMS project, enhancing data protection.
- Optimized the Hyundai D2C Click-to-Buy platform, significantly improving rendering speeds and overall performance.
- Collaborated closely with cross-functional teams, actively participating in code reviews and adopting new technologies.

### Regex Software Solutions (Feb 2022 – Aug 2022)

*Java Developer Intern*

- Developed Java applications and RESTful APIs utilizing Spring Boot and Hibernate.
- Employed SQL, git, and front-end technologies (HTML, CSS, JavaScript, Bootstrap) to deliver effective solutions.
- Gained valuable experience in scalable architecture design and performance optimization.
- Focused on adhering to best practices and driving continuous development improvements.

## PROJECTS

### Project: Hyundai Dealer Management System (*Full Stack Developer*)

**Description:** A comprehensive system designed to streamline dealership operations for Hyundai, covering new and used vehicle sales, service, and scrappage processes.

#### Key Achievements:

- Managed the complete software development lifecycle, from requirements gathering to maintenance.
- Addressed a significant security flaw, enhancing system security and client trust.
- Implemented scalable solutions and conducted thorough testing to ensure high-quality results.

**Tech Stack:** Java, Spring Boot, Hibernate, Microservices, MySQL, JSP, Kendo UI, jQuery.

### Project: Hyundai D2C Click-to-Buy (*Full Stack Developer*)

**Description:** An online platform allowing Hyundai customers to explore, customize, and purchase vehicles with real-time updates and secure transactions.

#### Key Achievements:

- Improved rendering speeds, resulting in a more responsive user experience.
- Developed real-time inventory and pricing features, enhancing the buying process.
- Ensured robust functionality through comprehensive testing and debugging.

**Tech Stack:** Java, Spring Boot, Hibernate, Microservices, MySQL, Angular.

### Project: Albonair Website Project (*Full Stack Developer*)

**Description:** Developed a comprehensive website to showcase emission control products, featuring a partner login system for managing inventory, sales data, and service updates. The platform allows partners to efficiently track and update product information while providing a seamless user experience.

#### Key Achievements:

- Built the website from the ground up, managing the entire development lifecycle and integrating key features such as partner logins and data management tools.
- Enhanced rendering speeds, leading to a more responsive and engaging user experience.
- Identified and resolved a critical security issue related to API access, significantly bolstering platform security and protecting sensitive data.

**Tech Stack:** Java, Spring Boot, Hibernate, React.js, Spring Security.

**Project:** Visitors Connect Project (*Full Stack Developer*)

**Description:** A web application for managing visitor data and appointments, featuring secure appointment scheduling and data tracking.

**Key Achievements:**

- Developed a secure backend with Java and Spring Boot, integrating Hibernate for database management and Spring Security for authentication.
- Optimized API endpoints and ensured high code quality through thorough testing and debugging.
- Managed end-to-end development, integrating key features for partner data management.

**Tech Stack:** *Java, Spring Boot, Hibernate, Spring Security, React.js, MySQL, Swagger.*

**Project:** Ashok Leyland Innovation Project(*Full Stack Developer*)

**Description:** An internal project for tracking and managing vehicle issues with a step-by-step diagnostic process.

**Key Achievements:**

- Identified and resolved API access issues, enhancing system security and client satisfaction. fixed a critical security issue related to API access, significantly improving platform security.
- Managed server operations and performed system maintenance to ensure stability.

**Tech Stack:** *Angular, Java, Spring MVC, iBatis, MySQL, Apache Server, PuTTY.*

## SKILLS

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**Languages:**

- **Proficient:** Java, C++
- **Working Knowledge:** SQL, JavaScript

**Frameworks & Libraries:**

- **Backend:** Spring Boot, Spring MVC, Hibernate, Microservices, Kafka
- **Frontend:** React.js, Angular, JSP, Tailwind CSS, Bootstrap, Kendo UI

**Web Development:**

- **Technologies:** HTML5, CSS3, JavaScript, jQuery, Ajax
- **Tools:** Swagger, JSON/JWT Validation, OAuth, Postman

**Database Management:**

- **SQL Databases:** MySQL, PostgreSQL
- **NoSQL Databases:** MongoDB

**DevOps & Tools:**

- **Version Control:** Git, SVN
- **Containers & Orchestration:** Docker, Kubernetes
- **Servers & Deployment:** Apache Server, PuTTY
- **IDEs:** Eclipse, VS Code, STS, PgAdmin

**Soft Skills:**

- Communication, Analytical Thinking, Team Collaboration, Leadership

## EDUCATION

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**Dr. A.P.J. Abdul Kalam Technical University**

(Aug 2017 – Sep 2021)

B. Tech in Computer Science and Engineering

## CERTIFICATIONS & TRAINING

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- **Full Stack Java Development Course** ([Certificate Link](#))
- **MY SQL** ([Certificate Link](#))
- **Data Structures and Algorithms in Java**([Certificate Link](#))