

# SHRI PRAKASH YADAV

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## WORK EXPERIENCE

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### Capgemini – *Software Engineer*

*June 2022 – July 2023*

- Design, develop, and maintain **notification handling systems** using **Java Spring Boot**.
- Implement and optimize **backend** functionalities to ensure **high performance and scalability**.
- Integrate **Java Mail** to enable seamless and efficient email notifications.
- Ensure the **security and reliability** of email communications within the notification system.
- Develop **RESTful APIs** to facilitate communication between different components of the notification handling system. Collaborate with cross-functional teams to integrate **REST API endpoints** effectively.
- Implement **robust error handling** mechanisms to ensure the system gracefully **handles unexpected scenarios**.
- **Troubleshoot** and resolve issues related to notification processing and delivery.
- Participate in **code reviews** to maintain **code quality** and adherence to **best practices**.
- Create and maintain **comprehensive documentation** for the notification handling system.
- Work closely with the product and UI/UX **teams** to understand notification requirements and user experience considerations.
- **Collaborate** with other developers to **integrate** notification features seamlessly into existing systems.
- Write **unit tests** to ensure the **reliability and correctness** of the notification handling functionalities.
- Collaborate with **QA teams** to conduct thorough **testing** and address identified issues.

### Capgemini – *Full stack Developer Intern (Java + Angular)*

*Jan 2022 – May 2022*

- Apply and enhance my Core **Java** skills to develop **robust and efficient backend** functionalities.
- Work on **Spring Boot** applications, focusing on building **scalable and maintainable** solutions.
- Gain exposure to the broader **Spring Framework** to understand the comprehensive **Java development** ecosystem.
- Contribute to the design and implementation of **microservices**, understanding the principles of **distributed systems**.
- Learn to integrate microservices seamlessly using **Spring Cloud** for enhanced **scalability and resilience**.
- Developing **responsive web applications** using **Angular** and **Bootstrap** that adhere to industry standards for **usability** and **accessibility**. Writing **clean, maintainable, and testable code** using best practices and design patterns.
- Gain hands-on experience with **version control systems**, particularly **Git**, and collaborate effectively using **GitHub**.

## SKILLS

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- **Programming languages** - Java, C++, JavaScript, Typescript
- **Frameworks** – Spring Boot, Angular, Angular Material, Spring Security
- **Tools** - Vs Code, Git, Slack, Jira, Spring Tool Suits, Postman, GitHub
- **Database** – MongoDB, MySQL

## CERTIFICATION

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### AWS CERTIFIED CLOUD PRACTITIONER

- AWS Cloud computing concepts, including global infrastructure, security, compliance, and the shared responsibility model.
- AWS services and offerings, including compute, storage, databases, networking, and security services.
- AWS pricing and billing models, including the free tier, on-demand, reserved instances, and spot instances.

# PROJECTS

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## PHARMACY MANAGEMENT SYSTEM

- Developed a Pharmacy management system with **JWT authentication**, **Swagger**, Spring Boot, Angular, Mongo DB, and payment testing with the **Paytm Gateway**.
- Responsive UI with Bootstrap and **Angular Material**. created the Medicare app to make it easier for users to purchase medicine.

## FIT FLEX: THE ULTIMATE FITNESS HUB

- Developed a scalable React Fitness App with **optimized file structure**, **hooks**, and **Redux** for state management, showcasing advanced React best practices.
- Implemented robust features like **pagination**, muscle group **filtering**, YouTube **video integration**, and exercise suggestions, showcasing technical expertise.
- Designed a visually stunning UI using **Material UI** (v5) with responsive layouts and seamless integration with **Rapid API** for **data fetching**.

# EDUCATION

2018 – 2022

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## Lovely Professional University

Bachelor of Technology, (Computer Science and Engineering)

CGPA – 7.78