VARADARAJU N Y

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PROFESSIONAL SUMMARY

Java Full Stack Developer skilled in building scalable and high-performance web applications. Proficient in Java, Spring Boot, RESTful APIs, and frontend tools like React.js and Thymeleaf. Experienced with databases like MySQL and PostgreSQL, and cloud platforms such as AWS and IBM Cloud. Hands-on with Docker, Kubernetes, Git, and CI/CD tools. Also familiar with Machine Learning, Generative AI, and cloud-based AI solutions.

TECHNICAL SKILLS

- **Programming Languages:** Java, Python, Snowflake, SQL and JavaScript.
- **Frameworks/Libraries:** Spring Boot, Spring MVC, Spring Security, Hibernate, React.js, Thymeleaf, Bootstrap
- **Web/Backend:** HTML5, CSS3, JSP, Servlets, JPA, JSON, XML, RESTful APIs, JWT, Microservices
- **Databases/Tools:** MySQL, PostgreSQL, GitHub, Maven, Docker, Kubernetes, Apache Tomcat, Postman, Eclipse, VS Code
- **Cloud & DevOps:** AWS (S3), IBM Cloud, IBM Code Engine, CI/CD, API Testing, Version Control
- **AI/ML Technologies:** Machine Learning (ML), Generative AI, RAG, Prompt Tuning, ChatGPT, Supervised & Unsupervised Learning, Reinforcement Learning, PaaS, Hybrid Cloud

EDUCATION

Bachelor of Engineering (Mechanical Engineering)	Sept 2021 - June 2024
Government Engineering College. Ramanagara, Karnataka.	**CGPA-7.01/10**
Diploma | Mechanical Engineering (HPT)	Sept 2017 - May 2020
S.J (Govt.) Polytechnic. Bengaluru, Karnataka.	**Percentage**-65%
Class 10 - KSEEB	July2016 - July 2017
Adarsha Vidhyalaya (RMSA). Kodihalli, Karnataka.	**Percentage**-74%

INTERNSHIP EXPERIENCE

AI & Cloud Technologies Internship | *IBM SkillsBuild x Edunet Foundation* | July 2025 – August 2025
- Learned core concepts of Artificial Intelligence and Cloud Computing
- Built and deployed cloud-based applications using IBM Code Engine
- Applied Agile methodologies and IBM Garage Method in cloud projects
- Created prompt-tuned generative AI models and explored cloud migration strategies

Hewlett Packard Enterprise Software Engineering Job Simulation on Forage | Sept 2024
- Designed and implemented a RESTful web service in Java Spring Boot to manage employee data.
- Developed a web server application to handle HTTP GET and POST requests, enabling JSON data uploads.
- Created and executed unit tests to validate application functionality and ensure reliable performance

PROJECT EXPERIENCE

PHARMA ASSIST | Self Work | **GitHub**: https://github.com/varadaraju17/Pharma-Assist | Nov 2024
Tech Stack: Java8, Spring Boot, Spring Security, Thymeleaf, Hibernate, MySQL, Apache Tomcat, Postman, Git.
- Developed a Spring Boot-based backend to streamline pharmacy operations, integrating inventory tracking, order processing, and automated billing.
- Reduced manual data entry by 40% using Apache POI to handle Excel imports for bulk operations.
- Secured the application through Spring Security, implementing role-based access control to safeguard sensitive data.
- Automated invoicing with dynamic PDF generation via Thymeleaf, achieving 100% accuracy in billing processes.

ONLINE LIBRARY MANAGEMENT SYSTEM | Self Work | Aug 2024
Tech Stack: Java8, Spring Boot, Spring Security, Hibernate, MySQL, Apache Tomcat, Postman, Git.
- Engineered a library management system monitoring over 2,000 items, reducing transaction processing tme by 25% and increasing transactions handled per staff member by 20%.
- Improved SQL queries, achieving a 30% improvement in data retrieval speed and overall system performance.
- Implemented Spring Boot and Hibernate frameworks to accelerate application development, reducing deployment time by 40% and minimizing data entry errors by 15%.

CERTIFICATIONS

- **Java Full stack Development Course** - J Spiders. Basavanagudi, Bengaluru.
- **Snowflake Development Certificate** –All Pro Trainings
- **Getting Started with Artificial Intelligence** – *IBM SkillsBuild*
- **Journey to Cloud: Envisioning Your Solution** – *IBM SkillsBuild*
- **Basic Python Programing** – *upGrad*

ADDITIONAL DETAILS

• **Interests:** Listening to music, traveling, playing cricket, and mobile gaming.

• **Languages Known:** Fluent in English, Kannada, Hindi and Telugu.