# VARAD DHIMAN

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## SUMMARY

Full Stack Software Engineer with comprehensive hands-on experience in Java, Spring Boot, React with TypeScript, and cloud technologies. Skilled in designing and developing software applications, troubleshooting, and debugging software programs for optimal performance. Adept at problem-solving and building scalable, high-performance software solutions. Trained in REST APIs, microservices, and machine learning. Passionate about leveraging diverse technical skills to contribute to innovative software development.

## SKILLS

**Software Development**: Java, Spring Boot, Microservices, REST APIs, React, TypeScript, Python
**Software Engineering**: Problem Solving, Software Architecture, Debugging, Performance Optimization, System Design
**Cloud Technologies**: AWS, GCP, Azure, Cloud Security, Cloud Computing, DevOps
**Database Technologies**: PostgreSQL, MySQL, SQL, PL/SQL, Database Design, Data Modeling
**CI/CD**: Jenkins, Git, SonarQube, Version Control
**Machine Learning & AI**: Python, TensorFlow, Keras, NLTK, Scikit-learn, Deep Learning, NLP, Reinforcement Learning
**Automation**: Python, Excel and CSV Programming, Scripting

## EDUCATION

**Bachelor of Technology - Computer Science and Engineering**
*Malaviya National Institute of Technology, India |  May 2024*
- Relevant Courses: Data Structures and Algorithms, Design and Analysis of Algorithms, Database Management Systems, Advanced Topics in Databases, Machine Learning

## WORK EXPERIENCE

**Specialist Programmer**
*Infosys Limited | August 2024 - Present*
- Completed a 3-month intensive training in Java Spring Boot & React with TypeScript, focusing on backend and frontend development, system design, and debugging.
- Developed and deployed Spring Boot-based microservices, ensuring secure jwt authentication and authorization across services.
- Built a responsive UI using React and TypeScript, improving user accessibility and engagement.
- Automated CI/CD pipelines with Jenkins, Git, and SonarQube, enhancing code quality and reducing errors.
- Completed Infosys Internal Advanced Gen AI Training, gaining hands-on experience with Python, TensorFlow, Scikit-learn, NLP, Reinforcement Learning, Deep Learning, and Langchain. Applied these skills to real-world assessments, using libraries like NLTK, Pandas, and PyTorch.
- Contributed to Python automation tasks for client-side processes, improving operational efficiency and task automation.

## CERTIFICATIONS & TRAINING

- **Full Stack Development:** Infosys Certified Java Developer, Spring Boot Developer, Spring Professional, Java Programmer, React Native Developer
- **Cloud & DevOps:** Completed foundational AWS & GCP training via Infosys internal learning platform
- **Data Science & AI:** Infosys Internal Advanced Gen AI training certification (Python, Data Science, Advanced Python, NLP, Reinforcement Learning, Deep Learning)

## ADDITIONAL EXPERIENCE

**ACM Member**
*Malaviya National Institute of Technology | 2020 - 2024*
- Participated in multiple hackathons, collaborating with developers to solve real-world challenges using AI & software development.

**CSE Chess Captain**
*Malaviya National Institute of Technology | 2020 - 2024*
- Led a team of 5 members to runner-up (2022) and victory (2024) in inter-branch chess tournaments.