

Lakshay Veer

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Professional Summary

Results-driven Software Engineer and Test Automation Developer with proven experience in full-stack development, automation testing, and cloud technologies. Skilled in building scalable applications, designing robust test frameworks, and delivering solutions across diverse domains including AI, mobile, and robotics. Adept at Agile collaboration, with strong problem-solving skills and a track record of impactful contributions in both startup and enterprise environments.

Technical Skills

- Programming Languages: Java, Python, C++, C#, Kotlin, Swift, JavaScript, TypeScript, .NET
- Frameworks & Libraries: Spring, Django, Node.js, Express.js, React, React Native, Angular, Jetpack Compose
- Databases: MySQL, PostgreSQL, SQLite, MongoDB, Firebase
- Tools & Technologies: Git, Docker, Kubernetes, AWS, Kafka, Jenkins, Jira, MS Excel, Power BI
- Testing: Selenium, Pytest, Robot Framework, JUnit, TestNG, API Testing, Performance & Security Testing

Professional Experience

Rockwell Automation, Kitchener, ON — *Test Automation Developer Co-op (May 2025 – Aug 2025)*

- Designed and executed automated test cases for embedded systems and robotics platforms.
- Contributed to firmware validation and hardware integration testing using Python and CI/CD pipelines.
- Enhanced reliability by implementing robust test frameworks and debugging automation scripts.

MadMakoda (Startup), Delhi, India — *Software Developer (Jul 2023 – Mar 2024)*

- Developed and deployed full-stack applications using React, Spring Boot, and MySQL.
- Implemented secure authentication, optimized database queries, and integrated APIs.
- Collaborated in Agile sprints to deliver high-quality product features under tight deadlines.

LTIMindtree, India — *Associate Software Developer Intern (Jan 2023 – Jul 2023)*

- Built enterprise-level applications using Java and Spring frameworks.
- Automated testing workflows with Selenium and TestNG, reducing manual effort by 40%.
- Gained exposure to cloud integration and CI/CD deployment pipelines.

Key Projects

- DevFixer — AI-powered debugging & test log analysis tool using FastAPI, React, and local LLaMA3 model with Docker orchestration.
- SkillBridge — Professional interview preparation platform with AI-driven mock interviews, Node.js/Prisma backend, PostgreSQL, and Dockerized microservices.
- RescueBite — Food Waste Reduction app built with Android Studio (Jetpack Compose), Firebase, and Google Maps API.
- Cookwise — AI-powered recipe generator with React Native frontend and Spring Boot backend integrating OpenAI API.

- Cboard (Open Source Contribution) — Enhanced accessibility features in AAC communication app using class-based React components.

Education

Fanshawe College, London, ON — Post-Graduation (OCGC) in Mobile Application Development

Relevant Coursework: Android dev, iOS dev, Cross-platform dev, Distributed Systems

DIT University, Dehradun, India — Bachelor of Technology in Computer Science and Engineering

Relevant Coursework: Data Structures, Algorithms, Operating Systems, DBMS, Software Engineering, Cloud Computing