

# SAURABH KUMAR

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[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

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## SUMMARY

Passionate full-stack developer skilled in Java, React.js, Spring Boot, and MongoDB. Experienced in building secure, user-friendly web and mobile applications with cloud integration (AWS, Firebase). Strong problem-solver with a focus on real-world tech solutions.

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## EDUCATION

**Galgotias University** — *Master of Computer Applications*

Greater Noida, India | *June 2023 – August 2025*

**Mahatma Gandhi Kashi Vidyapith University** — *Bachelor of Computer Applications*

Varanasi, India | *June 2019 – August 2022*

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## SKILLS SUMMARY

- **Languages:** Java, JavaScript, HTML/CSS, React Native, Python
- **Frameworks:** Spring Boot, Django
- **Tools:** Postman, npm, opencv-python, mediapipe, numpy, streamlit
- **Platforms:** Git & GitHub, VS Code, IntelliJ IDEA
- **Soft Skills:** Analytical Thinking, Problem-Solving, Team Collaboration, Time Management, Adaptability

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## PROJECTS

**PicPass – Graphical Password + OTP Authentication System** | [GitHub](#) | [LIVE](#)

*Tech Stack: React.js, Spring Boot, Tailwind CSS, Twilio, MongoDB*

- Combines graphical image-segment password login with OTP-based multi-factor authentication.
- Features include image segmentation grid, MFA toggle, dark mode, and file uploads (PDF/PPTX/DOCX).
- Integrated real-time weather, location, and analytics on a dynamic dashboard.
- Designed and deployed both client and server on Render.

**Hand Gesture Recognition System** | [GitHub](#) | [LIVE](#)

*Tech Stack: Python, Flask, OpenCV, MediaPipe*

- Real-time hand gesture detection using webcam and Media Pipe's landmark tracking.
- Recognizes gestures like Open Palm, Fist, Victory sign, etc.
- Built with Flask for UI and tested using live video frames in OpenCV.
- Ideal for touchless interaction systems or accessibility apps.

**Android Portfolio App** | [GitHub](#) | [APK](#)

*Tech Stack: Java, Android Studio*

- Android app to showcase personal profile, experience, and projects.
- Multi-activity navigation: Home, Projects, Contact, Team.
- Intuitive UI and scrollable project cards make it employer-friendly.
- Demonstrates Android UI, Intent handling, and clean layout design.

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## CERTIFICATES

- **AWS Solution Architect – Associate** (Croma Campus Pvt. Ltd.) – June 2025 | [CERTIFICATE](#)
- **DevOps** (Croma Campus Pvt. Ltd.) – June 2025 | [CERTIFICATE](#)
- **Full Stack Development** (MyCaptain) – August 2024 | [CERTIFICATE](#)
- **Web Development using Python and Django Web Framework** (NIELIT) – January 2022 | [CERTIFICATE](#)

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## ACHIEVEMENTS

- Published research paper on “**Conjugation of Graphical Password by Image Segmentation**” (*ICICC - SSRN · Mar 26, 2025*) | [Research Paper](#) |
- Received **Letter of Recommendation (LOR)** from **Prodigy InfoTech** for outstanding internship performance | [LoR](#) |
- Earned a **Letter of Recommendation** and **Letter of Appreciation** from **MyCaptain** for full stack training excellence | [LoR](#) | [LoA](#) |