

# Gaurav Kadam

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## Summary

Software Engineer specializing in Core Banking Solutions with over a year of hands-on experience. Expertise in full-stack development, AI integration, and secure architectural design. Skilled in leveraging technologies like Spring Boot, RESTful APIs, and machine learning models for banking applications. Passionate about innovation, process improvement, and delivering high-quality, reliable software.

## Experience

<b>Netwin Systems and Software</b> <i>Software Engineer</i>	<b>Aug 2024 – Present</b> <i>Remote/Hybrid</i>
<ul style="list-style-type: none"><li>Developed and maintained enterprise-grade banking applications using Spring Boot and RESTful APIs.</li><li>Designed and optimized complex PL/SQL procedures for core banking system integrations.</li><li>Integrated FaceAPI.js for facial recognition and biometric authentication.</li><li>Implemented machine learning models for face detection and identity verification.</li></ul>	

<b>Cognifront Pvt. Ltd</b> <i>IoT Development Intern</i>	<b>Jan 2023 – Feb 2023</b> <i>Remote</i>
<ul style="list-style-type: none"><li>Contributed to IoT projects such as smart home systems and air quality monitoring.</li><li>Enhanced system design and integration skills through real-world applications.</li></ul>	

## Education

<b>Amrutvahini College of Engineering</b> <i>Bachelor of Engineering in Computer Science</i>	<b>Sep 2020 – May 2024</b> <i>Sangamner, Maharashtra, India</i>
<b>Shramik Junior College</b> <i>Higher Secondary Education (Class 12th)</i>	<b>Apr 2018 – Apr 2019</b> <i>Sangamner, Maharashtra, India</i>
<b>Datta Vidyalaya Jawale Kadlag</b> <i>Secondary School Certificate (Class 10th)</i>	<b>May 2017 – May 2018</b> <i>Sangamner, Maharashtra, India</i>

## Core Technical Skills

<b>Programming Languages:</b> Java, C++, JavaScript	<b>Version Control:</b> Git, GitHub
<b>Web Technologies:</b> React.js, Node.js, Express.js	<b>Containerization:</b> Docker, Kubernetes
<b>Backend Development:</b> Spring Boot, RESTful APIs	<b>Operating Systems:</b> Windows, Linux
<b>Database Management:</b> MySQL, MongoDB, Oracle	

## Key Achievements

- Best Performer of the Month – April 2025 (Netwin Systems & Software Pvt. Ltd):** Recognized for outstanding dedication, teamwork, and impactful contributions to high-priority projects.
- Deloitte Australia Cyber Security Virtual Experience – Forage:** Completed a professional cyber simulation which involved:
  - Analyzing web activity logs to identify security breaches
  - Supporting a client during a cyber incident
  - Investigating suspicious user behavior and reporting findings

## Projects

### Biometric Authentication Integration in Banking Product

*FaceAPI.js, Spring Boot, MongoDB, CamScanner.js, RESTApi*

- Developed a biometric authentication system enabling face and fingerprint recognition for secure banking login.
- Implemented face detection, recognition, and landmark analysis using FaceAPI.js with pre-trained models (ssd\_mobilenetv1, face\_landmark\_68).
- Integrated Spring Boot APIs for storing and fetching face descriptors from MongoDB for verification.
- Utilized CamScanner.js for fingerprint capture via Mantra device, enabling dual biometric authentication.
- Built a responsive, browser-based interface running entirely on the client side for enhanced performance and privacy.