

# Siddhesh Ramdas Gite

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## Education

<b>B.E. Computer Engineering</b> <i>Amrutvahini College of Engineering, Sangamner</i> CGPA: 8.0+	<b>Expected 2026</b>
<b>Higher Secondary Certificate</b> <i>G.M.D. College, Sinnar</i> 63.33%	<b>2022</b>
<b>Secondary School Certificate</b> <i>S.C. Public English Medium School, Sinnar</i> 88.80%	<b>2020</b>

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## Technical Skills

**Programming:** JavaScript, Python, C/C++, SQL  
**Web Development:** Node.js, Express.js, React.js, REST APIs, EJS  
**Databases:** MySQL, MongoDB, Mongoose, Oracle PL/SQL  
**AI/ML:** TensorFlow, Scikit-learn, OpenCV, Predictive Modeling  
**Cloud & DevOps:** AWS, Docker, Firebase, CI/CD Pipelines  
**Tools:** Git, Postman, Linux, JIRA, WebSockets

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## Professional Experience

<b>Zensar Technologies (Software Development Intern)</b>	<b>Jun 2024 – Aug 2024</b>
<ul style="list-style-type: none"><li>Developed enterprise applications using Java and Python, improving processing efficiency by 15%.</li><li>Optimized Oracle PL/SQL queries, reducing query execution time by 30%.</li><li>Collaborated with cross-functional teams in Agile environment to deliver features.</li></ul>	

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## Key Projects

<b>Real-time Chat Application</b>	<b>Feb 2023 – Present</b>
<ul style="list-style-type: none"><li>Developed scalable chat platform using Node.js and WebSockets, handling 500+ concurrent users.</li><li>Implemented JWT authentication and end-to-end encryption for secure messaging.</li><li>Integrated Firebase cloud messaging for push notifications (95% delivery success rate).</li></ul>	

### Swiggy Clone (React.js)

Jan 2023 – Feb 2023

- Built a responsive Swiggy-like food ordering platform using React.js and Tailwind CSS.
- Integrated real-time API fetching, dynamic routing, and optimized performance with lazy loading.
- Used Redux for state management, ensuring smooth user experience.

### AI-based Blood Demand Prediction

Feb 2025 – Present

- Designing an AI-powered system to predict blood demand based on historical data and trends.
  - Implementing predictive modeling using TensorFlow and Scikit-learn.
  - Exploring cloud deployment options for real-time analytics.
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## Certifications

- AWS Certified Cloud Practitioner – AWS (**2024**)
  - TensorFlow Developer Certificate – Google (**2023**)
  - Full-Stack Web Development – Coursera (**2023**)
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## Achievements

- Winner, AI Visionary Hackathon – **2024**
  - Secured 1st Place in National-Level Coding Competition – **2023**
  - Published research paper on Cybersecurity in IoT – **2023**
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## Extra-Curricular Activities

- Member of Google Developer Student Clubs (GDSC)
- Volunteer at Blood Donation Drives
- Technical Blogger on Medium