

# DHANESH SHINGADE ↗

Pune, Maharashtra, India

📞 +91-9881418826 📩 dhanesh2435@gmail.com 💬 linkedin.com/in/dhanesh-shingade 🌐 https-dhanesh

## Professional Summary

Results-driven Software Developer with strong foundations in Java, Python, and full-stack web development. Skilled in creating and deploying scalable applications using React, Node.js, and modern DevOps practices. Proficient in cloud technologies including AWS and Docker, with hands-on experience in automation, CI/CD, and cloud-native deployment. Seeking opportunities to contribute to efficient, secure, and high-performing systems.

## Experience

<b>Full Stack Developer Intern</b> <i>Microspectra Software Technologies</i>	<b>May 2023 – June 2023</b> <i>Shegaon, Maharashtra</i>
<ul style="list-style-type: none"><li>Developed <b>Java-based modules</b> to optimize internal workflows, improving team efficiency by <b>60%</b>.</li><li>Enhanced product reliability by detecting and resolving over <b>95% of software bugs</b> through systematic pre-release testing.</li><li>Maintained comprehensive process documentation ensuring <b>100% traceability</b> of project deliverables.</li></ul>	

## Projects

<b>Cowork Platform</b> ↗   <i>React, TypeScript, Node.js, Express, MongoDB</i>	<b>October 2025</b>
<ul style="list-style-type: none"><li>Architected a high-performance marketplace, reducing redundant API calls by <b>90%</b> through <b>TanStack Query caching</b> across <b>15+ reusable React components</b>.</li><li>Implemented a robust booking engine with <b>10+ RESTful endpoints</b> for secure user authentication and complex date conflict resolution.</li><li>Secured all transactional data by integrating the <b>Razorpay</b> payment gateway and enforcing a <b>3-way cascade delete</b> across <b>4+</b> interconnected Mongoose schemas for end-to-end data integrity.</li></ul>	
<b>UI Change Monitor</b>   <i>Python, Selenium, Streamlit, Web Scraping</i>	<b>November 2024</b>
<ul style="list-style-type: none"><li>Developed an <b>automated website monitoring tool</b> using Selenium to track UI changes, detect additions/removals of elements, and compare website versions over time.</li><li>Implemented <b>robust browser automation</b> with multiple fallback strategies, handling dynamic content and JavaScript-heavy websites.</li><li>Built an <b>interactive Streamlit dashboard</b> for snapshot management, change visualization, and real-time comparison reporting.</li></ul>	
<b>Heart Attack Prediction Website</b>   <i>Python, Flask, Firebase, Machine Learning</i>	<b>May 2024</b>
<ul style="list-style-type: none"><li>Built a <b>heart risk predictor</b> using a Random Forest model trained on <b>300+ anonymized records</b>.</li><li>Linked with <b>Firebase</b> for storage and deployed a responsive UI accessed by <b>20+ users</b> during testing.</li></ul>	

# Technical Skills

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**Languages:** Java, Python, JavaScript, TypeScript, SQL, HTML/CSS, C++, Bash

**Frameworks & Libraries:** React.js, Node.js, Express.js, Next.js, Flask, Tailwind CSS, Selenium, Beautiful Soup, Scrapy

**Databases:** PostgreSQL, MySQL, Firebase, SQLite

**Cloud & DevOps:** AWS, Docker, Git, GitHub, CI/CD, Vercel, Render, Neon, Cloudinary

**Developer Tools:** VS Code, Postman, Android Studio, pgAdmin, Eclipse, NetBeans

**Web Scraping & Automation:** Selenium WebDriver, Beautiful Soup, Scrapy, WebDriver Manager, XPath/CSS Selectors, Browser Automation

# Education

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## D.Y. Patil College of Engineering, Akurdi

*Bachelor of Engineering in Information Technology (CGPA: 9.27)*

**2024 – 2027 (Expected)**

*Pune, Maharashtra*

## Government Polytechnic Khamgaon

*Diploma in Computer Engineering (Percentage: 92.51%)*

**2021 – 2024**

*Khamgaon, Maharashtra*

# Certifications

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## MSBTE State-Level Technical Quiz Competition

*1st Prize Winner*

**Feb 2024**

*Maharashtra*

## Fundamentals of Cybersecurity

*Zscaler Certified*

**Nov 2024**

*verify.skilljar.com*

# Co-curricular Activities

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## Technical Lead

*ITESA DYP COE*

**June 2025 – Present**

*D. Y. Patil College of Engineering*

## Cloud Coordinator

*GDG Cloud DYP COE*

**Oct 2024 – June 2025**

*D. Y. Patil College of Engineering*

## Technical Coordinator

*ITESA DYP COE*

**Sep 2024 – June 2025**

*D. Y. Patil College of Engineering*

## Vice President, COESA

*Government Polytechnic Khamgaon*

**Aug 2023 – May 2024**

*Khamgaon, Maharashtra*