

# DHANESH SHINGADE

Pune, Maharashtra, India

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## 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

### Full Stack Developer Intern

May 2023 – June 2023

*Microspectra Software Technologies*

*Shegaon, Maharashtra*

- Developed **Java-based modules** to optimize internal workflows, improving team efficiency by **60%**.
- Enhanced product reliability by detecting and resolving over **95% of software bugs** through systematic pre-release testing.
- Maintained comprehensive process documentation ensuring **100% traceability** of project deliverables.

## Projects

### CoWork Platform | *React, TypeScript, Node.js, Express, PostgreSQL*

October 2025

- Built a **full-stack web marketplace** with **15+ reusable React components** and a secure **Node.js/Express backend** offering **10+ RESTful APIs**.
- Integrated **JWT authentication** and role-based access control across **4+ PostgreSQL tables** to support full CRUD operations.
- Deployed in a **multi-cloud setup**: frontend on **Vercel**, backend on **Render**, and media assets on **Cloudinary**.

### UI Change Monitor | *Python, Selenium, Streamlit, Web Scraping*

November 2024

- Developed an **automated website monitoring tool** using Selenium to track UI changes, detect additions/removals of elements, and compare website versions over time.
- Implemented **robust browser automation** with multiple fallback strategies, handling dynamic content and JavaScript-heavy websites.
- Built an **interactive Streamlit dashboard** for snapshot management, change visualization, and real-time comparison reporting.

### Heart Attack Prediction Website | *Python, Flask, Firebase, Machine Learning*

May 2024

- Built a **heart risk predictor** using a Random Forest model trained on **300+ anonymized records**.
- Linked with **Firebase** for storage and deployed a responsive UI accessed by **20+ users** during testing.

# Technical Skills

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<b>Languages:</b> Java, Python, JavaScript, TypeScript, SQL, HTML/CSS, C++, Bash
<b>Frameworks &amp; Libraries:</b> React.js, Node.js, Express.js, Next.js, Flask, Tailwind CSS, Selenium, BeautifulSoup, Scrapy
<b>Databases:</b> PostgreSQL, MySQL, Firebase, SQLite
<b>Cloud &amp; DevOps:</b> AWS, Docker, Git, GitHub, CI/CD, Vercel, Render, Neon, Cloudinary
<b>Developer Tools:</b> VS Code, Postman, Android Studio, pgAdmin, Eclipse, NetBeans
<b>Web Scraping &amp; Automation:</b> Selenium WebDriver, BeautifulSoup, Scrapy, WebDriver Manager, XPath/CSS Selectors, Browser Automation

# Education

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<b>D.Y. Patil College of Engineering, Akurdi</b> <i>Bachelor of Engineering in Information Technology (CGPA: 9.27)</i>	<b>2024 – 2027 (Expected)</b> <i>Pune, Maharashtra</i>
<b>Government Polytechnic Khamgaon</b> <i>Diploma in Computer Engineering (Percentage: 92.51%)</i>	<b>2021 – 2024</b> <i>Khamgaon, Maharashtra</i>

# Certifications

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<b>MSBTE State-Level Technical Quiz Competition</b> <i>1st Prize Winner</i>	<b>Feb 2024</b> <i>Maharashtra</i>
<b>Fundamentals of Cybersecurity</b> <i>Zscaler Certified</i>	<b>Nov 2024</b> <i>verify.skilljar.com</i>

# Co-curricular Activities

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<b>Technical Lead</b> <i>ITESA DYPCOE</i>	<b>June 2025 – Present</b> <i>D. Y. Patil College of Engineering</i>
<b>Cloud Coordinator</b> <i>GDG Cloud DYPCOE</i>	<b>Oct 2024 – June 2025</b> <i>D. Y. Patil College of Engineering</i>
<b>Technical Coordinator</b> <i>ITESA DYPCOE</i>	<b>Sep 2024 – June 2025</b> <i>D. Y. Patil College of Engineering</i>
<b>Vice President, COESA</b> <i>Government Polytechnic Khamgaon</i>	<b>Aug 2023 – May 2024</b> <i>Khamgaon, Maharashtra</i>