





DHANESH SHINGADE

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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, MongoDB*

October 2025

- Architected a high-performance marketplace, reducing redundant API calls by **90%** through **TanStack Query caching** across **15+ reusable React components**.
- Implemented a robust booking engine with **10+ RESTful endpoints** for secure user authentication and complex date conflict resolution.
- Secured all transactional data by integrating the **Razorpay** payment gateway and enforcing a **3-way cascade delete** across **4+** interconnected Mongoose schemas for end-to-end data integrity.

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

Languages: Java, Python, JavaScript, TypeScript, SQL, HTML/CSS, C++, Bash
Frameworks & Libraries: React.js, Node.js, Express.js, Next.js, Flask, Tailwind CSS, Selenium, BeautifulSoup, 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, BeautifulSoup, Scrapy, WebDriver Manager, XPath/CSS Selectors, Browser Automation

Education

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

Certifications

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

Co-curricular Activities

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