

ASHISH PAGARE

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Educational Qualifications

D Y Patil University, Pune, Maharashtra Bachelor of Technology (<i>Computer Science Engineering</i>)	2023-2026 CGPA: 8.5/10
Government Polytechnic Nashik, MSBTE Diploma (<i>Civil Engineering</i>)	2020-2023 Percentage: 71%

Experience

- **Trainee-Full Stack Development & Databases, Nxtwave, Pune (November 2023 - April 2025)**
 - Developed full-stack web applications and **database-driven solutions** by integrating **front-end (HTML, CSS)** with backend logic using **Python and SQL**.
 - Designed and implemented relational **database schemas, optimized SQL queries for efficient data retrieval**, and ensured data integrity.
 - Built **functional application modules** enabling seamless interaction between user interfaces and backend systems.
 - Collaborated within Agile teams to **execute growth cycle projects**, contributing to both frontend and backend development.
 - *Focus Areas: Full Stack Development, Database Design, SQL Query Optimization, Backend Logic Implementation, Data-Driven Applications, Cross-Functional Collaboration, Agile Development*
 - **Cravita Technologies Pvt Ltd, Pune (2025)**
 - Configured and managed AWS services, including **EC2, S3, IAM, and RDS**, to enable scalable, secure, and highly available application hosting.
 - **Developed and maintained CI/CD pipelines** using GitHub Actions and Jenkins for automated, reliable deployment.
 - Monitored server performance, optimized resource utilization, and implemented security best practices.
 - Collaborated with cross-functional teams to ensure seamless deployment, version control, and application lifecycle management.
 - *Focus Areas: Cloud Computing (AWS), CI/CD Automation, Application Scalability, Server Monitoring & Optimization, Security Best Practices, Cross-Functional Collaboration.*
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Projects and Publications

- **Sign Language To Text Translator (2025)**

Developed an intelligent system to translate hand gestures into real-time text and speech output using computer vision and machine learning algorithms.
Utilized Python and OpenCV for gesture recognition, enabling improved accessibility for hearing-impaired individuals.
 - **Cloud-Based Web Application with Custom Domain (2025)**

Architected and deployed a scalable web application on Amazon Web Services (AWS) using EC2, S3, and Route 53 for custom domain management.
Implemented CI/CD pipeline to automate deployment and ensure reliability.
Focused on cloud infrastructure management, cost optimization, scalability, and security best practices.
 - **College Information Website for Pune City (2024)**

Designed and developed a responsive, user-centric web application providing centralized access to college information (courses, faculty, events, notices). Implemented front-end using HTML, CSS, and JavaScript, ensuring cross-device compatibility.
Enhanced data accessibility and decision-making through a structured information hierarchy.
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Extracurricular Activities

- **Volunteer & Sports Coordinator**, Government Polytechnic Nashik Fest, (2019 – 2021)
 - Organized sports events and coordinated participation for inter-departmental competitions.
 - **Volunteer**, Local Community Volunteering, Shirampur (2018 – 2020)
 - Helped coordinate charity drives, including distribution of clothes and essential items to underprivileged families.
 - **Runner-up**, Carrom, Sports
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Languages & Skills

- **Skills:** C, C++, Python, Java, SQL, React, Node, AWS architecture (*Working proficiency*)