

YOGYASHRI PATIL

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PROFESSIONAL SUMMARY

Final-year Computer Engineering undergraduate with hands-on experience in full-stack web development, AI-powered applications, REST APIs, databases, and machine learning through internships and academic projects. Proficient in Java, C++, Python, JavaScript, React.js, Node.js, Express.js, Flask, MongoDB, and MySQL, with a strong foundation in Object-Oriented Programming, DBMS, REST APIs, and software development. Certified in Java with scores of 94% (ETH) and 91% (MKCL), with practical experience developing database-driven and AI-enabled applications. Seeking Software Developer, Java Developer, Full Stack Developer, or related entry-level software engineering opportunities.

EDUCATION

Shri Vile Parle Kelavani Mandal Institute of Technology, Dhule <i>Bachelor of Technology in Computer Engineering — DBATU, Lonere</i>	2024 – 2027 CGPA: 7.83
Nikam Institute of Technology, Gondur, Dhule <i>Diploma in Computer Engineering — MSBTE</i>	2021 – 2024 89.09%
Shri Shivaji Madhyamik Vidyalay, Gondur <i>Secondary School Certificate — CBSE</i>	2021 94.20%

TECHNICAL SKILLS

Programming: Java, C++, Python, JavaScript, C
Core CS: Object-Oriented Programming, Data Structures & Algorithms, DBMS, SQL, REST APIs, Software Engineering, Problem Solving
Frontend: React.js, HTML5, CSS3, Bootstrap, Responsive Web Design
Backend: Node.js, Express.js, Flask, RESTful APIs, JSON
Databases: MongoDB, MySQL, SQL
AI & Cloud: Machine Learning, Google Gemini API, AWS Cloud, LangChain (Basic), Microsoft Azure AI Fundamentals
Tools: Git, GitHub, VS Code, Postman, npm, Arduino

INTERNSHIP EXPERIENCE

Infosys Springboard <i>AI/ML & Web Development Intern</i>	Jun 2025 – Aug 2025 <i>Virtual Internship</i>
- Developed AI-powered features for the RideWise application to improve ride recommendations and user experience. - Implemented ride-demand prediction based on weather conditions and occasional local events. - Contributed to frontend components and backend application logic for event-based prediction functionality. - Applied software development, teamwork, structured data processing, and problem-solving practices during project development.	
Arcelor Tech Pvt. Ltd., Nashik <i>Full Stack Developer Intern</i>	Jun 2023 – Jul 2023 <i>On-site Internship</i>
- Developed responsive web application modules using HTML, CSS, JavaScript, and PHP. - Designed RESTful APIs supporting core application functionality and data exchange. - Contributed to UI improvements and frontend components for the Shriram Steels website. - Used Git/GitHub for source control and collaborated with team members on application improvements.	

PROJECTS

RideWise – Smart Ride Booking & Demand Prediction Platform	<i>React.js, Node.js, Express.js, MongoDB</i>
- Developed a full-stack ride booking platform with user authentication, trip management, and ride-related workflows. - Built REST APIs for user operations, ride booking, and application data management using Node.js and Express.js. - Integrated weather and event-based factors for ride-demand prediction functionality.	
AI Learning Buddy – AI-Powered Learning Platform	<i>React.js, Flask, Python, Gemini API</i>
- Built an AI-powered learning platform providing personalized study assistance, question answering, and learning recommendations. - Developed a responsive React frontend integrated with a Flask backend through REST APIs. - Integrated Google Gemini API to process user queries and generate AI-based learning responses.	
Fruit Chemical Detection & Edibility Prediction System	<i>React.js, Flask, Python, Arduino, ML</i>
- Developed an IoT-based AI system for fruit-quality analysis using sensor data and image analysis. - Implemented prediction functionality for fruit edibility, ripening status, and estimated shelf life. - Integrated Arduino sensor data with a Flask backend and developed a responsive dashboard for analysis results.	

AI-Based House Plan Generation System

React.js, Flask, Python, Gemini API

- Developed an AI-powered web application for generating customized house plans based on user requirements.
- Designed an interactive interface for capturing plot size, room requirements, and layout preferences.
- Integrated a Flask backend with a React frontend and Gemini API for AI-assisted plan generation.

Online Chat Application

React.js, Node.js, Express.js, MongoDB, Socket.IO

- Built a real-time chat application with user authentication and instant messaging functionality.
- Implemented real-time client-server communication using Socket.IO and integrated MongoDB for application data.

CERTIFICATIONS & ACHIEVEMENTS

- **ETH Java Certification** – Score: 94%.
- **MKCL Java Certification** – Score: 91%.
- **Microsoft Certified: Azure AI Fundamentals.**
- **AWS Cloud Certification** – Cloud computing and AWS fundamentals.
- **State-Level Blind Coding Champion** – 1st Place.
- **.NET MAUI Best Student Award** – Recognized for application development performance.
- **Excellent Intern Award** – Arcelor Tech Pvt. Ltd.

LEADERSHIP & TRAINING

- **Community Lead – Girls Connect Hub:** Managed a student Discord community promoting coding, collaboration, and peer learning.
- **Pragati – Path to Future, Cohort 9:** Infosys Springboard & Infosys Foundation – Ongoing.
- **7-Day .NET MAUI Development Program:** Department of Computer Engineering, SVKM IOT, Dhule.
- **2-Day Python Programming Workshop:** Department of Computer Engineering, SVKM IOT, Dhule.
- **7-Day Communication & Personality Development Workshop:** Tech Mahindra.

LANGUAGES

English — Hindi — Marathi