

# Roshan Tajne

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## EDUCATION

**Government College of Engineering**  
*Bachelor of Technology (B.Tech) in Computer Science*

Yavatmal, India  
2020 – 2024

## PROJECTS

- Job Scheduling Platform** | *Node.js, React.js, MongoDB, Express.js, OpenStreetMap API* [Github](#) | [Link](#)
- Built a responsive user interface with React.js, achieving a 95% user satisfaction rate, and integrated geolocation APIs for precise distance and time calculations
  - Designed and integrated an automated job approval system, implementing a scheduling algorithm that reduced job approval time by 70% by calculating travel times and workload to assess feasibility based on specified working hour limits
  - Optimized data management in MongoDB, enhancing platform performance by 50% and ensuring reliable data retrieval
- Requirement-based Loan System** | *PHP, Bootstrap, HTML, CSS, JavaScript, MySQL* [Github](#)
- Developed a web portal using HTML, CSS, JavaScript, and PHP to implement the "Ain-Jinnas Karj paddhat" of Chhatrapati Shivaji Maharaj, reducing farmers' cash requirements by 70%
  - Automated the allocation of farming materials and recovery of costs post-harvest
  - Integrated MySQL for secure data storage and efficient transaction processing, reducing manual errors by 80%
- ExcelEase - Faculty Bills and Student Attendance generator** | *Python, Tkinter, Pandas, FPDF*
- Automated student attendance report and faculty bill generation using Excel files from Google Forms, reducing manual effort by 80% and ensuring 95% accuracy
  - Integrated and processed data from 4 Excel files to generate detailed billing reports and student attendance for 500+ students
  - Created dynamic PDF reports summarizing faculty lectures, attendance, and subject details, streamlining the billing process and attendance keeping by 70%

## TECHNICAL SKILLS

**Languages:** Java, Python, C/C++, SQL, JavaScript, HTML/CSS  
**Frameworks:** React, Node.js, Tailwind CSS, Bootstrap  
**Databases:** MySQL, SQL Server, MongoDB  
**Developer Tools:** Git, Azure, VS Code, Visual Studio, Github  
**Libraries:** jQuery, Axios, pandas, NumPy, Tkinter, fpdf  
**Other:** Data structures and Algorithms (DSA) and Object-Oriented Programming (OOP), RestAPI, Linux, MS Word, MS Excel

## ACHIEVEMENTS & CERTIFICATIONS

- SIH 2023 Grand Finalist** [Certificate](#)
- Worked on image processing using OpenCV, Raspberry Pi 4, Linux, and Python for automation.
- Microsoft Azure Cloud and Security Virtual Internship** [Certificate](#)
- Completed from 17 Feb 2023 to 3 May 2023 by Microsoft, Future Skill Prime, and AICTE, gaining hands-on experience in Microsoft Azure cloud services and security protocols.
- Salesforce Developer Virtual Internship** [Certificate](#)
- Completed an intensive 8-week (August - October 2023) Salesforce Developer Virtual Internship, gaining hands-on experience in the Salesforce ecosystem and developing customized Salesforce applications.
- Certificate: Programming with JAVA (NPTEL)** [Certificate](#)
- Achieved 67% in a comprehensive Java programming course covering core concepts and advanced techniques.
- Certificate: Google Cloud Digital Leader Certified** [Certificate](#)
- Demonstrated proficiency in Google Cloud Platform services and solutions.
- Certificate: Google Cybersecurity Specialization** [Certificate](#)
- Gained hands-on experience with Python, Linux, and SQL