

# AYUSHI

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## SUMMARY

Motivated undergraduate with a passion for full-stack development and genrative AI. Experienced in computer vision, real-world software delivery, and collaborative team projects.

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## EDUCATION

**VIT Bhopal University**  
*B.Tech in Computer Science*

Madhya Pradesh, India  
*Expected Graduation: 2027*

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## PROJECTS & EXPERIENCE

### Steel Bar Inspection Automation – Tata Steel Internship

- **Developed** automation system for steel bar quality control
- **Implemented with** Next.js, Tailwind CSS, jsPDF, Nodemailer
- **Achieved** 95% defect detection accuracy and paperless reporting
- **Recognized** for industrial adaptability during internship

### Project Approval System

- **Led** full-stack development of a student-teacher portal
- **Used** Node.js, Express.js, MongoDB, HTML, CSS
- **Reduced** manual handling time by 40% with automation
- **Improved** project visibility and real-time tracking for faculty

### Assistive Shooter – Hand Therapy Through Play

- **Designed** an interactive hand therapy game using gesture recognition
  - **Built with** HTML5, CSS, JavaScript, and OpenCV for real-time hand tracking
  - **Improved** accessibility and user engagement with intuitive UI
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## INTERNSHIP

**Tata Steel, Jamshedpur**  
*Summer Intern – IT Branch*

Offline  
*Apr 2025 – Jun 2025*

- **Automated** steel bar inspection with digital quality reports
  - **Collaborated** with IT team on industrial-grade software rollout
  - **Improved** inspection speed and reduced manual intervention
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## CERTIFICATIONS

Google GenAI 5-Day Intensive Course – Capstone on financial planning using AI  
50-Day Coding Challenge (LinkedIn) – Completed daily code challenges  
Tata Steel Internship – Real-world automation and defect detection  
Kaggle GenAI Badge – Validated GenAI knowledge via hands-on projects

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## ACHIEVEMENTS

#DrGViswanathan Challenge – Participated in institutional innovation contest  
SolVit Hackathon – Contributed to rapid prototyping of tech solutions