

# Sneha Patra

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## EDUCATION

<b>Bachelors in Computer Science &amp; Technology</b> , Silicon University.	2022-2026
<b>Class XII</b> , Vyomayana Samastha Vidyalaya.	2022
<b>Class X</b> , Jeevan Jyoti Convent School.	2020

## SKILLS

### Technical Skills

- PROGRAMMING LANGUAGES: Java, C, Python, Basics of SQL
- CLOUD TECHNOLOGIES: AWS
- WEB TECHNOLOGIES: HTML, CSS, JS, REACT

## INTERNSHIPS

### INGENIOUS-TECH WORLD: AWS MASTERS

- Hands-on experience with AWS services like EC2, S3, RDS, and IAM for managing cloud resources.
- Designed and deployed scalable and fault-tolerant applications using Lambda, API Gateway, and Auto Scaling.
- Implemented CloudWatch for monitoring and CloudFormation for automating infrastructure.
- Focused on security with VPC, security groups, and data encryption.

### SQUBIX DIGITAL PRIVATE LIMITED: FRONT-END DEVELOPER

- Proficient in building responsive and user-friendly web interfaces using HTML, CSS, and JavaScript.
- Hands-on experience with modern frameworks like React and Bootstrap for developing dynamic and scalable web applications.
- Skilled in optimizing website performance and ensuring cross-browser compatibility.

## PROJECTS

### E-GRAD Portal (HTML, CSS, JSP, SQL)

- Designed a student platform for career resources, exams, and user login.
- Implemented backend login/auth features and exam module integration.
- Enabled a complete academic utility tool with user registration and data storage.

### B. PLANET E-Commerce Website (React, HTML, CSS, JS)

- Built a responsive plant store UI using React for dynamic rendering.
- Designed pages for login, home, product view, and contact form.
- Added plant care tips and social links to improve user engagement.

### Recipe Organizer (SE Project) (HTML, CSS, JS)

- Developed a recipe manager with add/search/categorize features.
- Applied agile methodology with sprint planning, SDLC, and UML diagrams.
- Focused on usability and modular design through collaboration.

### Crop Yield Prediction (Python, scikit-learn, TensorFlow, SQL)

- Predicted crop yields using weather, soil, and historical data.
- Implemented supervised ML models; handled real-time input and visualizations.
- Delivered actionable predictions and analysis for agriculture planning.

## CERTIFICATIONS

- Academic Topper in 2023-2024
- Participation certificate from Myntra Hacker-Ramp WeForShe
- Mentorship for juniors in 2024-2025
- Technical workshop conducted by GFG