Sneha Patra

◇ +91 7848068227 ◇ snehapatra454@gmail.com
◇ www.linkedin.com/in/sneha-patra

OBJECTIVE

Aspiring software developer with strong skills in Java, Python, and full-stack development, eager to apply problem-solving and cloud expertise in building innovative solutions.

EDUCATION

B.Tech, Computer Science & Technology, Silicon University **CGPA: 9.4** (2022–2026)
Class XII, Vyomayana Samastha Vidyalaya: 81% (2022)
Class X, Jeevan Jyoti Convent School: 84% (2020)

SKILLS

Languages: Java | C | Python | SQL
Web: HTML | CSS | JavaScript | React
Cloud: AWS (EC2, S3, RDS, IAM, Lambda, CloudFormation)
Database: MySQL | MongoDB
Tools: Git | GitHub
COURSEWORK: DSA | OOP | DBMS | OS | Computer Networks | ML

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.

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.

AWARDS & ACHIEVEMENTS

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