

ANUSHTHA SHARMA

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SUMMARY.

Hands-on experience through internships as a **Full Stack Developer**, Specializing in **Python** and **AI/ML** on the **AWS cloud** platform. Skilled in designing scalable applications, deploying ML models, and building data pipelines using modern tools and microservices architecture. Eager to learn new technology quickly and to apply a broad knowledge of computers. Gained practical experience in deploying and debugging web applications in real-world environments. Learned how industries use SAP to manage and store data efficiently.

EDUCATION

B. TECH in Computer Science & Engineering, Sarala Birla University (SBU), Ranchi, Jharkhand, 2026

TECHNICAL PROFICIENCY

- **Programming Languages:** Python, Node.js, Java, JavaScript, SQL
- **Frameworks & Libraries:** Scikit-Learn, OpenCV, Jupyter Notebook, React.js
- **Cloud Technologies:** AWS (EKS, EC2, Lambda, S3)
- **Databases & Data Storage:** MongoDB, PostgreSQL,
- **Machine Learning Techniques:** NLP, Computer Vision, Deep Learning, Reinforcement Learning, RNNs, Clustering, Regression, Classification, CNNs
- **Data & Pipelines:** Data Preprocessing, ETL Basics, Pipeline Development
- **DevOps & CI/CD:** Git, CI/CD Pipelines
- **APIs & Microservices:** RESTful APIs, Microservices Architecture, API Integration
- **Version Control & Collaboration Tools:** GitHub, JIRA

PROFESSIONAL EXPERIENCE

Python Developer (AI & Cloud), June 2025/ August 2025

Dilwado.com

Project 1: [AI PDF Converter & Reader](#)

- Developed and improved an AI-powered PDF processing system to extract, analyse, and enhance document data using machine learning techniques.
- Built intelligent features such as text extraction, keyword detection, and content classification to improve document usability and predictive accuracy.
- Enhance a responsive front-end using HTML, CSS, JavaScript, and jQuery, improving user interaction and accessibility across devices.
- Merge the backend logic for PDF parsing and data handling, enabling efficient file conversion and real-time processing.
- Implemented optimized data pipelines for handling large PDF files, reducing processing time by 20–30% during testing on 50+ documents.

Project 2: [IT SUPPORT Ticket System \(Full-Stack Project\)](#)

- Architected and developed a full-stack IT support system using React.js, Node.js, SQL, and MongoDB for efficient ticket management.
- Planned RESTful APIs to handle ticket creation, updates, and user authentication, ensuring secure and scalable operations.
- Built an interactive UI enabling 50+ test users to submit, track, and manage support tickets in real-time.
- Improved the admin dashboard for monitoring ticket status, analytics, and workflow management.
- Implemented real-time communication and rich-text support for detailed issue reporting and faster resolution.
- Optimized database design by combining SQL for structured data and MongoDB for flexible storage of descriptions and comments.

Python Developer (AI-Focused) \ May 2024/ June 2024

Arambh Softech

- Expand the machine learning models and integrate a Large Language Model (LLM) for face emotion detection and its prediction.
- Create a web interface using HTML, CSS, JavaScript, and jQuery for real-time interaction and visualization of results.
- Applied model integration with the frontend to enable seamless user input and output display.
- Integrated the trained model with live webcam input to perform real-time emotion prediction.
- Planned a pipeline for image capture → preprocessing → model prediction → output display.
- Built and tested the application in VS Code, ensuring smooth execution and debugging runtime issues.

Software Developer, June 2024/August 2024

Usha Martin

- Contributed to projects using SAP tools, assisting in development, customization, and system support tasks.
- Applied core technical concepts to real-world business problems, improving understanding of enterprise workflows.
- Collaborated with team members to analyze requirements and support project implementation.
- Prepared project presentations and reports for the assistant senior staff.

PERSONAL PROJECTS

REAL-TIME EMOTION DETECTION (AI/ML Project)

- Developed a real-time face emotion detection system using Python, OpenCV, and machine learning algorithms.
- Collected and pre-processed image datasets by resizing, normalizing, and converting images to grayscale for better model performance.
- Trained classification models on 1000+ images, achieving 80–85% accuracy in emotion detection.
- Integrated live webcam input to perform real-time emotion prediction with minimal latency (1–2 seconds).

MY PORTFOLIO WEBSITE

- Developed a responsive frontend supporting cross-device compatibility, tested across 3+ screen sizes.
- Implemented animated transitions and a multi-section layout for better engagement.

HOTEL AUTOMATION SYSTEM (REACT.JS PROJECT)

- Designed a hotel management website using React to display room availability, photos, and booking options.
- Focused on UI/UX improvements and efficient React component structuring

Certifications:

- Dilwado.com Internship Certificate
- Cisco CNN Certification
- Web Developer (Internship) Certificate
- Big Data Analyst Certificate
- AWS Cloud Computing Certificate
- IBM Data Science (Tools of Data Science)

ONLINE PROFILES

Portfolio: <https://anushthasharma-portfolio.netlify.app/>

GitHub: <https://github.com/Anushtha30>

LeetCode: <https://leetcode.com/u/anushtha30/>

Languages: English, Hindi, Korean

Reference upon request