

Devesh Rai

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EDUCATION

PACE Junior Science College, Thane

Higher Secondary (12th Grade) - Science 89%

Thane, India

August 2021

Thakur College of Engineering and Technology, Kandivali

Bachelor of Engineering in Computer Engineering 9 CGPA

Mumbai, India

December 2021 - June 2025

WORK EXPERIENCE

Backend Developer Intern

Shweta Associates and Garments

Mumbai, India

December 2023 - February 2024

- Collaborated with the development team to develop and maintain server-side logic, ensuring robust backend functionality. Optimized database performance and implemented RESTful APIs.

Web Development Intern

Dental-HiFi

Thane, India

March 2024 - June 2024

- Developed the frontend of the Dental-HiFi working website using REACT.js. Implemented responsive and user-friendly interfaces to enhance user experience.

TECHNICAL SKILLS

Programming Languages: Python

Tools and Technologies: Figma, Git, Power BI, Wordpress, OpenAI, EasyCode

Productivity Software: Microsoft Office, Google Workspace, Typing Speed: 75 WPM

Web Technologies: HTML5, CSS3, REACT

Databases: SQL, MongoDB

CS Fundamentals: Data Structures and Algorithms, Object Oriented Programming, Computer Networks, DBMS, OS, Software Development Life Cycle (SDLC)

AWS SKILLS

AWS Services: S3, IAM, EC2, CloudWatch, VPC, ECS, Route 53

AWS Tools: AWS CLI, AWS CloudFormation, AWS CloudTrail

Certifications: AWS Certified Solutions Architect - Associate (in progress)

PROJECTS

- ChatScope: WhatsApp Conversation Analyzer**, A web application to analyze and visualize WhatsApp chat data. Developed using Python and Streamlit. This project allows users to upload chat files, extract data, and visualize various chat statistics.
- AWS Tasks and Videos**, A collection of AWS tasks and their demonstration videos. These tasks involve services such as EC2, S3, VPC, and more. All videos are available in the Google Drive folder: [View Folder](#)
- Pet Cuddle O Tron**, A serverless application built on AWS for automating pet care tasks. Implemented using Lambda, API Gateway, S3, SES, Step Functions, and DynamoDB to handle workflows, storage, and notifications.

RESEARCH PAPERS

- Ethical and Security Considerations in the Era of Quantum Computing: A Framework for Responsible Implementation Strategies, March 31, 2024 [\[Link to Publication\]](#)
- Developing an Integrated Framework for Ensuring Patient Privacy and Confidentiality in the Age of Social Media: A Case Study and Research Approach in the Healthcare Sector of India, May 2024 [\[Link to Publication\]](#)

EXTRACURRICULAR ACTIVITIES

- Runner-up in Grassroots Football Fiesta, June 2017, highlighting teamwork and skills.
- Represented Thane district in Maharashtra State Sepaktakraw Championship, Oct 2018, showcasing athleticism.
- Consistently won interhouse chess competition from 5th to 10th grade, showcasing strategic thinking.