

# Madeshi Ashlesha

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## Education

### UNIVERSITY OF PETROLEUM AND ENERGY STUDIES

📅 May 2025 📍 Uttarakhand, India

B. TECH. COMPUTER SCIENCE AND ENGINEERING

### NIRMAL BHARTIA PUBLIC SCHOOL

📅 2019-21 📍 New Delhi, India

XII CBSE BOARD

PERCENT: 82

### M.L. KHANNA D.A.V. PUBLIC SCHOOL

📅 2006-19 📍 New Delhi, India

X CBSE BOARD

PERCENT: 92

## Links

GitHub **MadeshiAshlesha**

Linkedin **MadeshiAshlesha**

CodeChef **mashlesha**

## Skills

### PROGRAMMING

Java • HTML/CSS • JavaScript • MySQL • MongoDB • React • Competitive Programming • Docker • Node.js • Jenkins • AWS

## Internships

### SUMMER INTERNSHIPS

HERE Technologies

📅 1st June-30th June 2024 📍 New Delhi, India

Developed web scraping solutions using BeautifulSoup and Scrapy to extract company and franchise location data, including coordinates, addresses, phone numbers, and opening hours. Ensured data accuracy and consistency, enhancing my skills in HTML parsing and large dataset management.

Silverline Foundation

📅 2nd June-25th July 2022 📍 New Delhi, India

Demonstrated effective project management skills by overseeing all aspects of event planning, including budgeting, logistics, marketing, and participant registration. Event held on: 24th July 2022

## Certifications

AWS CERTIFIED SOLUTIONS ARCHITECT - ASSOCIATE

📅 September 3rd, 2024-27

## Recent Projects

### SKILLSCOUT

🔗 GitHub

Developed a high-performance job portal website utilizing the MERN stack for core development, AWS for cloud hosting, Kubernetes for container orchestration, Terraform for infrastructure automation, Selenium for testing, and Prometheus and Grafana for monitoring and analytics. The platform delivers advanced job search features, personalized recommendations for job seekers, and robust recruitment management tools for employers.

### SOCIAL-MEDIA PLATFORM

🔗 GitHub **Website**

Developed a scalable web application featuring user authentication, profile creation, and media interaction capabilities. Users can upload pictures, manage connections, like and comment on posts, and view other profiles. The application is deployed using a microservices architecture on AWS EC2 instances, ensuring high scalability and easy maintenance.

### EMPATHISCAN

🔗 GitHub **Website**

Developed a user-friendly frontend using React to detect and analyze the emotions of autistic individuals. The application captures photos as input and processes them to identify emotional states, contributing to enhanced communication and understanding.

### PENNYPRO-EFFICIENT SYSTEM FOR CASH TRANSACTION

🔗 GitHub

Developed a user-friendly web-based financial management application designed specifically for college students. The platform helps students track expenses, create budgets, and manage limited resources efficiently. It simplifies financial planning, providing an accessible tool for students to maintain control over their finances in a straightforward, practical manner.