

SHASHANK KUMAR SINGH

Motivated Computer Science student with hands-on experience in frontend (Angular + AWS) and backend automation using Python (BeautifulSoup, Selenium). Built scalable web scraping tools and deployed predictive ML models on cloud. Strong command over SQL, DSA (Dynamic Programming), and real-world web development.

Education

Vellore Institute of Technology <i>Bachelor of Technology in Computer Science</i>	July 2026 <i>Bhopal, India</i>
Relevant Coursework: Data Structures, Algorithms, Machine Learning, NLP, Cloud Computing, Parallel Computing, Blockchain, UI/UX, Linux, Database Management Systems.	

Experience

Woodman Electronics <i>Front End Engineer Intern</i>	New Delhi, India <i>Nov 2024 – Jan 2025</i>
<ul style="list-style-type: none">Developed and maintained 3 web applications (HTML, CSS, JavaScript), increasing user engagement by 25% through design improvements.Collaborated with a team of 5 developers to implement new website features, increasing site traffic by 15% in 2 months.	
Oracle <i>Front end and cloud engineer intern</i>	Bangalore, India <i>June 2025 - Present</i>
<ul style="list-style-type: none">Developed and maintained responsive UI components using Angular 16+ and TypeScript, enhancing portal performance and user experience for over 10,000 monthly users.Built dynamic, reusable components with PrimeNG, reducing code redundancy by 35% and improving developer productivity.Managed and deployed frontend builds to AWS EC2 instances, including SSL setup, instance configuration, and environment-based deployment automation.	

Projects

Web Scraper <i>Real-time Python & AWS based Website</i>	2024
<ul style="list-style-type: none">Built a CAPTCHA-resistant scraper using Selenium & BrightData, automating structured data extraction from e-commerce sites.Achieved 90% efficiency increase and reduced manual effort by 70% via scheduled Lambda jobs.	
Predictive Customer Analytics Platform <i>Cloud-Based Machine Learning Model</i>	2023
<ul style="list-style-type: none">Trained a TensorFlow model on 20,000+ records to predict customer churn with 88% accuracy.Deployed using AWS EC2 with REST API integration, increasing retention rates by 25%.	

Certifications

AWS CLOUD PRACTITIONER <i>AWS</i>	Jan 2025
<ul style="list-style-type: none">Achieved AWS Certified Cloud Practitioner certification, demonstrating foundational knowledge of AWS Cloud concepts, core services, security, architecture, pricing, and support.Proficient in key AWS services such as Amazon EC2, S3, RDS, and IAM, with a solid understanding of cloud computing fundamentals and deployment models.	

Technical Skills

Languages: Python, Java, JavaScript, SQL
Web Scraping: BeautifulSoup, Selenium, BrightData
Frontend: Angular 16+, TypeScript, HTML, CSS, PrimeNG , React, Vanila.js
Backend & APIs: REST APIs, Flask , Node.js
Cloud: AWS (EC2, S3, Lambda, IAM), GCP, Azure
Databases: MySQL, MongoDB, PostgreSQL, NoSQL
Tools & DevOps: Git, Docker, Jenkins, CI/CD, VS Code

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- **Managed team of 20+ volunteers**, in Advitya'25.

Contacts

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