

MALVIKA BHARGAVA

✉ malvika.bhargava2000@gmail.com

in [linkedin.com/in/malvikabhargava18](https://www.linkedin.com/in/malvikabhargava18)

☎ 7297804468

Education

Arya College of Engineering and IT

Bachelor of Technology in Information Technology

July 2018 – June 2022

Jaipur, Rajasthan

Brightlands School

Class 12 (CBSE)

April 2017 – May 2018

Jaipur, Rajasthan

Brightlands School

Class 10 (CBSE)

April 2015 – May 2016

Jaipur, Rajasthan

Internships and Experience

Neosalpha Technologies

Software Engineer

Nov 2022 – Present

- Played a pivotal role in optimizing software development and deployment processes, driving efficiency, scalability, and reliability across diverse projects.
- Designed, implemented, and maintained streamlined CI/CD pipelines, utilizing industry-leading tools such as Jenkins, Github Actions to automate the build, test, and deployment processes. Reduced release cycles by 70% and increased deployment frequency
- Leveraged Docker containerization technology to package and deploy applications, Ensured seamless integration between Docker containers and AWS cloud services for efficient deployment.

Bit to Byte Robotics

Full Stack Developer Intern

July 2020 – Oct. 2020

- Demonstrated expertise in various technologies and web frameworks, including HTML, CSS, JavaScript, Bootstrap, Python, Django, and SQLite.
- Implemented user authentication using Rest API, enhancing application security and user experience.

Projects

CI/CD Pipeline: Automated Image Creation and Deployment to AWS | *Github, Jenkins, Docker, AWS EC2*

- Created an automation project that incorporates continuous integration techniques by seamlessly integrating GitHub, Docker, and AWS. The project enables automatic image creation and deployment to AWS whenever a commit is made to the associated Git repository.
- Developed a Jenkins pipeline to orchestrate the automation workflow.
- Extracted the DockerFile from the Git repository, created docker image from it and integrated with AWS services.

XML to JSON Conversion Automation | *Git, Github, Github Actions, Python*

- Created two repositories on GitHub: one for the source XML files and another for storing the converted JSON files
- Utilized Python programming language and relevant libraries like xmldict to parse and transform XML data into JSON format. Developed a script with error handling and data validation mechanisms to ensure accurate and reliable conversion results.
- Configured appropriate Git workflows to facilitate collaborative development and code reviews, Implemented automation through Git Actions to trigger the XML-to-JSON conversion process.

Let's Travel | *HTML5, CSS3, JavaScript, Bootstrap, Docker*

- Created a travel Website using HTML, CSS, Js and Bootstrap.
- It offers different travelling plans to the customers according to their budget

Technical Skills

Languages: Python, C/CPP, HTML/CSS, JavaScript, SQL, Linux and Bash Script

Developer Tools: Jenkins, Docker, Github Actions

Technologies/Frameworks: Django, DellBoomi, Salesforce

Achievements / Extracurricular

- Organise an event with my team mates in my recent organisation(2023).
- Received 1st prize in two consecutive year for Inter House Singing Competition (2015-2016).
- Appreciated for qualifying for the Final Round of AIPO Olympiad (2015).
- Recipient of Upstairs Scholarship, awarded by Deutsche Post DHL (2013-2017).