

# Pratham Shrivastav

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## EDUCATION

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### Guru Gobind Singh Indraprastha University(CGPA - 8.9)

*Bachelor of Technology in Computer science and engineering*

New Delhi, Delhi

Aug. 2021 – June. 2024

### Chhotu Ram Rural Institute Of Technology(CGPA - 8.3)

*Diploma in Electronics and communication engineering*

New Delhi, Delhi

Aug. 2018 – May. 2021

## TECHNICAL SKILLS

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**Languages:** Java, Python, SQL, JavaScript, HTML/CSS

**OS:** Linux, Windows

**DevOps Tools:** Git, Sonarqube, Docker, kubernetes, Terraform, Ansible, Jenkins, Amazon Web Services, VS Code

**Monitoring Tools:** Prometheus, Grafana

## INTERNSHIPS

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### Research Intern

Nov. 2022 – Feb. 2023

*Defence Research and Development Organisation*

- Developed a Traffic Light and its Color Detection program leveraging Deep Learning methodologies.
- Utilized Python, Deep Learning techniques, and Convolutional Neural Networks (CNN), alongside various Python libraries for implementation.
- Gain profound insights into the transformative potential of Deep Learning and its role in shaping the future.

### Web Developer Intern

Aug. 2022 – Oct. 2022

*Kontakt Service*

- Contributed to the development of an Application Tracking System (ATS) form, specializing in front-end functionalities.
- Leveraged expertise in HTML, CSS, and JavaScript to ensure a seamless user experience.
- Enhanced collaboration skills by effectively working within a team to initiate and execute project.. Gaining valuable insights into the project development life cycle.

## PROJECTS

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### HashTag | *HTML, CSS, Javascript*

- Designed and developed a comprehensive website for a college technical society aimed at enhancing the society's reach and engagement.
- Leveraged JavaScript, HTML, CSS, and JS to create an optimized and user-friendly website design.
- Achieved a 45% increase in member access to technical society activities through improved website features.

### AWS CICD Pipeline | *AWS Services*

- Developed and implemented a comprehensive CI/CD pipeline using AWS CodePipeline to automate the software release process, enhancing efficiency and reducing manual intervention.
- Utilized AWS CodeCommit as a secure and scalable version control service to manage source code repositories.
- Leveraged AWS CloudFormation to automate infrastructure provisioning, ensuring consistent and repeatable deployments across environments.
- Stored and managed build artifacts using Amazon S3, facilitating smooth transitions between different stages of the pipeline.