

# Srijan Basnet

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## SUMMARY

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Software engineer with 2+ years building web, mobile and AI applications. Passionate about automating tasks and saving time, effort and resources for all involved.

## EXPERIENCE

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### Ashray Tech

*Innovation Engineer*

Pokhara, Nepal

*2024 – Present*

- Created a custom LLM MateIQ to interpret patient results and provide sales support.
- Automated major portions of patient note postings into EMRs.
- Completed a cloud migration from Google to Microsoft.

## PROJECTS

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### Second Opinion | *MRI classifier for radiology support*

- Developed an MRI scan classifier to assist radiologists in prioritization and workflow triage.
- Model hosted on HuggingFace with 96.89% test accuracy and 0.17 test loss.

### Word Lens AI | *OCR-based image search*

- Implemented OCR-driven image search to identify images containing specified keywords.
- App released on Google Play with 5k+ downloads.

## EDUCATION

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### Tribhuwan University

*B.Sc. Computer Science and Information Technology*

Pokhara, Nepal

*2022–Present*

## CERTIFICATIONS

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- CITI Data and Specimen Research
- CITI Conflict of Interest
- HIPAA Certification

## TECHNICAL SKILLS

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**Languages:** Python, Dart, TypeScript/JavaScript, Go, SQL

**Cloud:** AWS (ECS, Lambda, S3, RDS), GCP (GKE), Docker, Kubernetes

**Data/ML:** PyTorch, NumPy, Pandas, TensorBoard

**Web:** FastAPI, Django, Flask, Flutter, React

**Infra:** GitHub Actions, Prometheus