

## CONTACTS

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# ABHAY KRISHNA M V

## STUDENT | SOFTWARE DEVELOPER

## EXPERIENCE

### Aulosa

08/2025 - Present

Software Developer Intern

- Secured 100% of endpoints with JWT-based authentication.
- Integrated AWS DynamoDB to handle 500K+ records with optimized indexing and queries.
- Developed 10+ scalable RESTful APIs using Node.js and Express to handle artist analytics, profile management, and music metadata.
- Reduced API response times by 35% through caching strategies and query optimization.

### Tranna

Date period

Backend Intern

- Highlight your accomplishments, using numbers if possible.

## PROJECTS

### Diabetes Prediction using Random Forest (Python, Scikit-learn)

Built a Random Forest model to predict diabetes using clinical data, achieving ~76% accuracy.

- Built a binary classification model to predict diabetes using the Pima Indians dataset.
- Performed data preprocessing, feature scaling, and trained a Random Forest classifier.
- Achieved approximately 76% accuracy and evaluated performance with a confusion matrix and classification report.

### QR-Enabled AR System for 3D Medical and Agricultural Training

Created a QR-enabled browser-based AR training system with interactive 3D models, real-time rendering, and integrated user assessments.

- Developed a browser-based AR system with QR code access for interactive learning experiences.
- Built a responsive React.js interface integrated with real-time 3D model rendering using Three.js.
- Enabled model interactions including zoom, rotation, and detailed exploration.
- Incorporated assessment modules to test user understanding within the platform.

## SKILLS

Git · GitHub · Jupyter ·

Jupyter Notebook · MongoDB ·

Matplotlib · NumPy · Pandas · Python ·

Scikit-learn · ReactJS · CSS · HTML ·

NodeJS · ExpressJS

## FIND ME ONLINE

### ● GitHub

[github.com/Hammerhead04](https://github.com/Hammerhead04)

### ● LinkedIn

<https://linkedin.com/in/abhay-krishna-mv>