

# Abinaya Durai

Computer Science Engineering student with academic exposure to Artificial Intelligence and Machine Learning and hands-on experience in full stack web development. Interested in learning and improving through practical projects and teamwork.

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## INTERNSHIPS

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### Haqto Technologies, Ganapathy, Coimbatore

Frontend Development Intern

July 2025 - August 2025 | Onsite

- Learned and practiced React.js, HTML, CSS, JavaScript, Redux, and Canva, gaining foundational knowledge in frontend development and UI design.
- Enhanced understanding of component-based development and state management using Redux.

### Auro Tech Solutions, Thanjavur

Python Development Intern

May 2024 - June 2024 | Remote

- Developed Python-based mini projects including an ATM simulation system, QR Code Generator, and Timer application, applying core Python concepts such as functions, loops, conditionals, and basic OOP.

## EDUCATION

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### Government College of Technology, Coimbatore

Bachelor of Computer Science and Engineering

CGPA-8.48 | Nov 2022 - April 2026

### St.Anne's Girls' Hr. Sec School, Cuddalore

PCM with Computer Science

HSC-96.5% | SSLC-98.2% | June 2019 - April 2022

## PROJECTS

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### BookSwap - Secondhand Book Trading Platform for GCT [↗](#)

Aug 2025 - Nov 2025

- Built a full-stack CampusLink platform using Spring Boot, MySQL, and React (Vite + TS) enabling secure user authentication, real-time chat/notifications, and a marketplace for second-hand book trading.
- Implemented OTP email verification, Role based access, JWT-based security, file uploads, and a responsive UI for seamless user experience.

### AI Meeting Scheduler [↗](#)

Feb 2025 - May 2025

- Collaborated in a team to develop the AI Meeting Scheduler as part of a lab project.
- Implemented the frontend using Next.js, TypeScript, and SCSS to create responsive and user-friendly interfaces.

### Machine Learning Laboratory Projects (Academic)

Feb 2025 - May 2025

- Implemented supervised and unsupervised machine learning algorithms in Python, including Decision Trees, SVM, Clustering, Regression, ANN, and MLP as part of academic laboratory work.
- Worked with probabilistic and sequential models such as Bayesian Networks and Hidden Markov Models, and performed sentiment analysis and spam detection on real-world datasets.

## SKILLS

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**Programming Languages:** Java, C, Python

**Web:** HTML5, CSS, JavaScript, ReactJS, Spring Boot

**Database:** MySQL, MongoDB **Tools & Version Control:** Git, VS Code, Postman, Canva, Jupiter Notebook, Google Colab

**Basics:** Node.js, Next.js, TypeScript, SCSS, BootStrap, Tailwind CSS, NumPy, Pandas, Scikit-learn

## CERTIFICATE

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HTML, CSS, JavaScript, DevOps, Agile SDLC | Infosys Springboard [↗](#)

UI/UX Workshop | Government College of Technology [↗](#)

Volley Ball Zonal Runners | Anna University [↗](#)

Artificial Intelligence | NaanMudhalvan [↗](#)