

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

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

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

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

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

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

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

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

Artificial Intelligence | NaanMudhalvan [🔗](#)