

ALEX BENEDICT SELVA X

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 Coimbatore, Tamil Nadu

EXECUTIVE SUMMARY

Full-stack developer with expertise in MERN (MongoDB, Express, React, Node), Java/Spring Boot, and Python. Hands-on experience deploying cloud solutions (AWS EC2/S3), building ML pipelines for AQI prediction, and implementing automated web testing (Selenium). Fast learner, strong problem-solver, and team player focused on producing production-ready code.

EDUCATION

COLLEGE

SRI KRISHNA COLLEGE OF ENGINEERING AND TECHNOLOGY

2023-2027

Degree: B.E Computer Science and Design

CGPA: 8.4/10

SCHOOL

ST. JOSEPH MATRICULATION HIGHER SECONDARY SCHOOL

12th(2022 - 2023) - 91%

10th(2020 - 2021) - 100%

SKILLS

- Languages:** Java, JavaScript, C++, Python
- Frontend:** React.js, Redux, HTML, CSS, Tailwind CSS
- Backend:** Node.js, Express.js, Java Spring Boot, REST APIs
- AI/ML:** Knowledge of ML pipelines, including data preprocessing, model training, and core concepts of neural networks
- Cloud & DevOps:** AWS (EC2, S3), Docker, Cloudinary
- Designing:** Figma for UI/UX design and prototyping
- Testing:** Selenium for basic web application automation

INTERNSHIP

Infosys Springboard Virtual Internship 6.0

Role: AI/ML developer

Project: Air Quality Index (AQI) prediction

- Developed an end-to-end Air Quality Index (AQI) prediction pipeline: data cleaning, feature engineering, and EDA.
- Trained and compared multiple ML models; performed hyperparameter tuning and cross-validation to optimize accuracy.
- Implemented data transformation and model evaluation scripts to generate reproducible results and performance reports.
- Applied ML concepts to real-world environmental data, strengthening analytical and problem-solving skills.

PROJECTS

- E-Commerce (MERN):** Full-stack **MERN** e-commerce app with product browsing, cart, checkout, and JWT authentication. Integrated Stripe payments, Cloudinary image storage, and admin dashboard for product/order management.
- Movie Streaming platform (MERN):** Developed a **React + Node.js** movie platform with TMDB API integration and dynamic content loading. Implemented **JWT**, Redux state management, search and personalized recommendations.
- Book review/rating (React + Spring Boot):** Developed a full-stack literary community platform using **Spring Boot**, **Spring Security**, **JWT** and React.js. Implemented features like book database management, review/rating system. Built social networking features, book clubs, author/publisher profiles, and community moderation tools.

PROFILES

[LinkedIn](#)

[GeeksForGeeks](#)

[GitHub](#)

[LeetCode](#)

CERTIFICATIONS

[Google Cloud](#)

[Other certificates](#)