

THIRUWIN KARTHIK S

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Objective:

Aspiring software engineer with a strong foundation in Computer Science and Engineering and hands-on experience in developing and deploying robust applications. Seeking to leverage my technical skills and innovative mindset to contribute to product development at a forward-thinking tech company.

Education:

Bachelor of Engineering in Computer Science | Dr. Mahalingam College of Engineering and Technology, Pollachi

Expected May 2027 | Currently Pursuing

HSC | Palani Gounder Higher Secondary School, Pollachi

March 2023 | 83.67%

SSLC | Arokia Matha Matric Higher Secondary School, Pollachi

April 2021 | PASS

Skills:

Technical Skills:

- **Programming Languages:** Java, Python
- **Tools & Technologies:** Github
- **Database Management:** MySQL, MongoDB
- **Frameworks:** React, Node.js, Spring Boot
- **Version Control:** Git

Soft Skills:

- **Communication:** Excellent verbal and written communication.
- **Problem-Solving:** Analytical Thinking, Root Cause Analysis.

Projects:

Future Skill & Tech-Stack Obsolescence Predictor (React, FastAPI, NLP, Machine Learning)

Built an AI-driven system that forecasts future demand and obsolescence risk of technology skills using real-world data from job Portals, open-source repositories, and research sources. Implemented a daily data pipeline to fetch, process, and store data.

Company Intelligence System (React, FastAPI, Llama3)

Built an AI-powered offline Company Intelligence System that extracts structured company insights from HTML files using Llama 3, automated SIC industry classification, and smart caching.

Online Loan Maker Platform (React js, Spring Boot, Python, MySQL)

Developed a full-stack fintech loan marketplace that allows users to enter asset details and receive AI-based loan eligibility and bank recommendations. Built secure REST APIs with Spring Boot and JWT authentication, implemented role-based dashboards for users and admins, and managed loan, asset, and user data using MySQL.

🔗 Live: (<https://loan-maker.netlify.app/>)

Internships:

NEHA SOLUTIONS – Web Development Intern [Pollachi]

June 2025

- Worked on the Web development of a web-based applications.

Certifications:

- Certified in The Fundamentals of Python (SpringBoard).
- Certified in The Networking Essentials (Cisco)

Achievements:

- Secured 1st place in an Inter-College Coding Event.