

TAMILARASI S

Bachelor of Engineering – Computer Science and Engineering

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Career Objective

Pre-final year Computer Science Engineering student with strong fundamentals in Java, Machine Learning, and IoT. Seeking an entry-level Software Developer or ML Engineer role to design efficient software applications and machine learning-based solutions.

Education

Bachelor of Engineering (B.E.) – Computer Science and Engineering

Panimalar Engineering College, Chennai - CGPA: **8.96 / 10**

Expected Graduation: 2027

HSC – S.S.K.V Girls Higher Secondary School

2023

SSLC – P.T.V.S Matriculation School

2021

Technical Skills

Programming: Java, Python

Web: HTML, CSS, JavaScript

Databases: SQL, MongoDB

Technologies: Machine Learning, Artificial Intelligence, IoT

Tools: Git, VS Code, Eclipse

Projects

Smart Street Light for Women Safety (Group Project)

- Designed and implemented an automated smart street lighting system using IoT sensors and AI logic.
- Enabled real-time safety monitoring through intelligent and adaptive lighting control.

Blood Group Detection Using Fingerprint Images

- Developed a machine learning classification model using Python and TensorFlow.
- Achieved **95% accuracy** through image preprocessing and supervised learning techniques.

Internships

L&Q Technologies Private Limited — Software Developer Intern

1 Month

- Built responsive frontend components using Angular and SCSS for multiple application modules.
- Integrated RESTful APIs using Node.js and MySQL with Sequelize ORM for database operations.

IP Rings — SAP Analyst Intern

7 Days

- Assisted in SAP ERP module analysis, data flow understanding, and basic business reporting.

Certifications

- NPTEL – Programming in Java; Introduction to Machine Learning
- APTIS ESOL – English Proficiency (CEFR Level B2)
- NASSCOM – Acquiring Data; NOVITECH – Data Analytics

Additional Information

Interpersonal Skills: Problem Solving, Analytical Thinking, Decision Making

Languages: Tamil, English

Areas of Interest: Software Development, Web Development, IoT