

# YALAMATI NIKHIL SOURI

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## PROFESSIONAL SUMMARY

Aspiring Software Developer with 2+ years experience in AI, Cloud, and DevOps projects, currently pursuing Computer Science degrees at BTH (Sweden) and JNTUA (India). Experienced in enterprise systems at Accenture and Bluestock, with basic Swedish proficiency and a strong focus on building scalable, cloud-native applications.

## EDUCATION

**Bachelor of Science in Computer Science,** 2025 – 2026  
Blekinge Institute of Technology (BTH), Karlskrona, Sweden. *Currently Pursuing*

**Bachelor of Technology in Computer Science and Engineering,** 2022 – 2026  
Jawaharlal Nehru Technological University College of Engineering, Anantapur. *Currently Pursuing*

## TECHNICAL SKILLS

<b>Languages</b>	Python, C, JavaScript, HTML+CSS, Node.js
<b>Frameworks</b>	React.js, Express.js, TensorFlow, OpenCV, MediaPipe
<b>DevOps &amp; Cloud</b>	Docker, Jenkins, Git, Maven, Kubernetes, AWS EC2
<b>Databases</b>	MySQL, MongoDB
<b>Concepts</b>	OOPS, Data Structures, Algorithms, REST APIs, Microservices, CI/CD

## EXPERIENCE / INTERNSHIPS

**Accenture India — Associate Software Engineer Intern** ([Click here](#)) May–Jul 2025 — *On-site*

- Executed SAP data migration using Rapid Data Loader (RDL).
- Assisted in ERP testing with cross-functional collaboration.

**Bluestock — Software Development Intern** ([Click here](#)) Apr–May 2025 — *Remote*

- Developed and secured backend APIs using Node.js.
- Linked backend endpoints with IPO Web App frontend.

**TICT Computers — Intern Instructor** ([Click here](#)) Jun 2023–Jan 2024 — *On-site*

- Conducted practical training sessions in C and Java.

## PROJECTS

**Blink-Based Cognitive Load Detection under Noisy Visual Conditions** ([Click here](#))

- Built an AI pipeline using MediaPipe and EAR metrics for blink-based cognitive load detection.
- Conducted academic research at BTH Sweden, testing robustness under noisy visual conditions.

**DevOps Mini Project – ML Inference Deployment using Docker and Jenkins CI/CD** ([Click here](#))

- Containerized an ML inference app with Docker and deployed it on AWS EC2.
- Automated CI/CD pipeline with Jenkins, cutting deployment time by 60%.

**AI-Powered Queue Management & Crowd Flow System**([Click here](#))

- Built a real-time AI + Cloud + DevOps system for queue and crowd optimization.
- Implemented data streaming, camera analytics, and Dockerized microservices for scalability.

## Web Development Projects

TICT COMPUTERS Webpage — ([Click here](#))

Friends Webpage — ([Click here](#))

College Fest Webpage — ([Click here](#))

Technical Symposium Webpage — ([Click here](#))

Faculty LMS Portal — ([Click here](#))

## CERTIFICATIONS

**Azure Administrator Associate** ([Click here](#)) Microsoft

**Learning Linux for LFCA Certification** ([Click here](#)) Coursera

**Python Basics for Data Science (PY0101EN)** ([Click here](#)) IBM EdX

**Databases: Relational Databases and SQL (SOE.YDB SQL0001)** ([Click here](#)) EdX

**HTML5 and CSS Fundamentals (HTML5.0x)** ([Click here](#)) EdX

## SEMINARS AND PUBLICATIONS

- Text Classification Performance in Natural Language Processing — NCSRINIET 2024([Click here](#))
- Webinar on Cyber Security([Click here](#))