



# ASWITHAA B

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Github: <https://github.com/Aswi7t>

## ABOUT ME

Computer Science Engineering undergraduate with knowledge of Python, Java, and SQL, and a strong understanding of programming fundamentals, object-oriented concepts, and databases. Possess good communication skills, the ability to work effectively in team environments, and strong discipline developed through long-term martial arts training. Seeking opportunities to apply technical knowledge in real-world projects and grow as a software professional

## SKILLS

**Programming Languages:** Java, Python, C

**Web Technologies and Frameworks:** Html, CSS, Javascript, React

**Database Management:** My SQL

**Tools:** Git, Github, VSCode

**SOFTSKILLS:** Communication, Teamwork, Problem-solving, Adaptability

## PROJECTS

### Smart Community Health Monitoring & Early Warning System | Smart India Hackathon 2025

Developed a HealthTech early warning system to predict and prevent water-borne disease outbreaks by integrating IoT-based water quality monitoring (pH, turbidity, TDS) with AI/ML forecasting. Designed a multilingual, offline-first mobile/web application with SMS/IVR alerts and an official dashboard, enabling real-time reporting and faster response by health authorities.

### Digital Platform for Centralized Alumni Engagement

Built a unified web platform using React, Tailwind CSS, to manage alumni data, mentorship, events, and fundraising. Integrated real-time communication, analytics dashboards, and GitHub Actions for secure, scalable engagement between institutions, alumni, and students.

## CERTIFICATIONS AND HACKATHON

NPTEL: Ethical Hacking

Oracle Cloud Infrastructure 2025 Certified AI Foundations Associate

TCS ION Career Edge Young Professional

HACK-AI-THON'25 (Finalist)

## LANGUAGES

- English
- Tamil

## EDUCATION

Bannari Amman Institute of Technology	2025-Present
Computer Science and Engineering - CGPA: 8.25 (till 5 <sup>th</sup> sem)	
Shree Sarasswathi Vidhyah Mandheer	2022 - 2023
HSC - Percentage : 82.8	