

# ASWITHAA B

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Leetcode: [https://leetcode.com/u/Aswitha\\_7/](https://leetcode.com/u/Aswitha_7/)

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

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## 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

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

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

**Database Management:** MySQL

**Tools:** Git, GitHub, VSCode

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

## PROJECTS

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### 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

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NPTEL: Ethical Hacking

Oracle Cloud Infrastructure 2025 Certified AI Foundations Associate

TCS ION Career Edge Young Professional

HACK-AI-THON'25(Finalist)

## LANGUAGES

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- English
- Tamil

## EDUCATION

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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