# SUGANTHAN S V

ELECTRONICS AND COMMUNICATION ENGINEERING

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## PROFILE

Enthusiastic engineering student with a keen interest in learning and self-improvement. Demonstrates strong analytical thinking, teamwork, and communication skills through academic projects and practical experience. Eager to begin a professional career and grow within an organization.

## PROJECT & ACHIEVEMENTS

### WORKVIBE – Job Recruitment Platform

A full-stack web application that connects job seekers and recruiters. It supports secure authentication, job posting, and application tracking to streamline the recruitment process.

### Arbiter PUF - Hardware Secrurity Model

A hardware security project focused on developing an Arbiter-based Physically Unclonable Function (PUF) using FPGA. It generates unique device identifiers for secure hardware authentication.

### ACHIEVEMENTS

- Finalist in DigiTrix, YUGAM 2024 (Electronics Event, Kumaraguru College of Technology)
- Presented a paper at the 4th National Conference on RASET 2024
- Presented an idea at IDEATHON 2024 (BIT – Special Labs)
- Participated in HACKTRIX'25 (SRM University) with the project MentorNet – Collaborative Learning Platform
- Completed NPTEL Certification in Database Management Systems (DBMS)

## EDUCATION

**2023-2027 ||UG||**
**BANNARI AMMAN INSTITUTE OF TECHNOLOGY||**
CGPA: 7.72*

**Higher Secondary Certificate (HSC) ||**
**SSVM KARUR ||**
88.17%

## TECHNICAL SKILLS

- **Programming Languages:** Python, JavaScript.
- **Web Technologies**: React.js, Node.js, Express.js.
- **Databases:** MySQL, MongoDB.

## AREAS OF INTEREST

- Database Management Systems (DBMS)
- Web Development
- Python Programming

## HOBBIES

- Listening to Self-help Podcasts
- Strategic Gaming