

# BOOBESH AG

+91 95001 55519 ◊ Chennai, Tamil Nadu, India

[boobeshganesan@gmail.com](mailto:boobeshganesan@gmail.com) ◊ [linkedin.com/in/boobesh2912](https://www.linkedin.com/in/boobesh2912) ◊ [boobesh.garitech.in](https://www.boobeshgaritech.in) ◊ [github.com/boobesh2912](https://github.com/boobesh2912)

## OBJECTIVE

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Computer Science and Business Systems student with hands-on experience building Python applications, APIs, and AI-integrated projects through internships and personal work. Seeking an internship opportunity to apply development skills in real-world software projects, collaborate with teams, and continue learning in a professional environment.

## EDUCATION

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**B.Tech – Computer Science and Business Systems** 2023 – 2027 (Expected)

Panimalar Engineering College, Chennai

GPA: 7.49

**Higher Secondary Certificate (HSC) – Computer Science with Mathematics** 2022 – 2023

Santhome Higher Secondary School, Chennai

Percentage: 72.5%

## SKILLS

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<b>Programming</b>	Python, SQL, Basic JavaScript
<b>Backend</b>	FastAPI, Flask, REST API Development, API Integration
<b>AI / GenAI</b>	Gemini API, OpenRouter API, Prompt Engineering, HuggingFace Basics
<b>Libraries</b>	Librosa, Requests, gTTS, Pandas
<b>Tools</b>	Git, GitHub, Postman, XAMPP
<b>Web</b>	WordPress (10+ websites developed)
<b>Soft Skills</b>	Problem Solving, Communication, Quick Learner, Team Collaboration

## EXPERIENCE

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**Python Developer Intern** Jun 2024 – Jul 2024  
**Cholamandalam Securities Limited, Chennai**

- Developed internal Python API to automate PDF-to-image conversion workflow on live server.
- Enabled bulk document processing and simplified internal document handling pipeline.
- Worked directly with company technical team to integrate API into operational systems.

**Software Engineer Intern** Jun 2025 – Jul 2025  
**Think42 Labs / Agent42 Labs, Chennai**

- Contributed to development of company website and job portal prototype features.
- Implemented resume builder and location-based job search modules.
- Collaborated with internal team to improve usability and functionality of web systems.

**AI Developer Intern** Jun 2025  
**Vulture Lines Tech Management, Chennai**

- Built AI story generator backend using Python and external LLM APIs.
- Integrated OpenRouter for story generation, Pollinations for images, and gTTS for narration.
- Developed end-to-end pipeline producing story text, image, and audio from user prompt.

## PROJECTS

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### NeuroScreen – AI Neurological Voice Screening Platform

2026

- Designed FastAPI-based backend prototype for voice-driven neurological risk screening.
- Implemented audio upload handling and acoustic feature extraction using Librosa (MFCCs, pitch, jitter, shimmer, spectral metrics).
- Trained a Random Forest classification model on 90 voice samples to analyze voice biomarkers and estimate neurological risk including Parkinson's.
- Built modular inference pipeline and REST API endpoints using FastAPI with Pydantic validation.
- Designed scalable architecture separating feature extraction, AI inference, and API routing.

### KADHAI – AI Story Generator Web App

- Built Flask backend integrating OpenRouter LLM API for dynamic story generation.
- Added AI image generation via Pollinations API and narration using gTTS.
- Implemented full pipeline returning story text, image, and audio from user inputs.

## CERTIFICATIONS

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- Oracle Cloud Data Management Foundations Associate — Oracle (2023)
- Cybersecurity Fundamentals — NASSCOM (2024)
- Advanced Diploma in Python — K'Log Institution (2023)

## PUBLICATIONS

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### Digital Citizenship: A Teen's Guide

Amazon Kindle, 2024

- Authored an eBook on safe and responsible online behavior and digital awareness.

### A Shy Kid Gaining Courage: Tips for Overcoming Shyness and Speaking Confidently

Amazon Kindle, Oct 2024

- Wrote a self-improvement eBook sharing practical methods to build confidence and improve speaking.

## EXTRACURRICULAR ACTIVITIES

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- Founder of **Start The Up**, a student startup community encouraging collaboration and idea validation.
- Host tech discussions and share insights on technology, startups, and digital products.
- Mentor juniors on building projects, digital skills, and personal branding.
- Participate in hackathons and student-led technical initiatives.