

Pranav S Nair

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LinkedIn | GitHub | LeetCode

Summary

Computer Science undergraduate with strong fundamentals in OOP and DSA, and project experience in Java (Swing + MVC) and modern web development (Next.js, TypeScript, Tailwind). Interested in building reliable, user-focused software.

Skills

- **Programming:** C, C++, Java, Python
- **Web:** HTML, CSS, JavaScript, TypeScript, React, Next.js, Tailwind CSS
- **Core CS:** OOP, DBMS, Operating Systems, Data Structures & Algorithms
- **Tools/Platforms:** Git, GitHub, JDBC, MySQL, Supabase

Projects

ForgeGrid – XP-Based Coding Practice Desktop App *Java, Swing, MVC, JDBC, MySQL*
github.com/Pranavsanthoshnair/ForgeGrid

- Built a minimal Java Swing app that gamifies coding practice with XP and levels.
- Designed a clean **MVC architecture** and implemented onboarding-driven tasks + custom task CRUD.
- Integrated authentication and persistence using JDBC with Railway MySQL.

HabStick – Smart Navigation Aid Website *Web, UI/UX*
hab-stick.vercel.app

- Created a responsive product website showcasing a smart walking stick concept for visually impaired users.

TruSight – AI News Analysis & Bias Detection Platform *Next.js, TypeScript, Supabase*
trusight.vercel.app

- Built a news aggregation UI with search/filtering and AI-powered bias classification with confidence scoring.

Education

St. Joseph's College of Engineering and Technology, Palai (Autonomous) **2024 – 2028**
B.Tech in Computer Science and Engineering **CGPA: 9.50**

Certifications

- Introduction to Cybersecurity — Cisco
- Front End Development Libraries — freeCodeCamp
- Electronic Arts (EA) Software Engineering Job Simulation — Forage

Achievements & Activities

- Participated in **LUMINO 25 Hackathon** and **VITALS 24 Hackathon**
- Member: IEEE, TinkerHub, GTech Mulearn