

ABHINAV K G

+91 9380263659 | abhinavkg2004@gmail.com | LinkedIn | GitHub | Leetcode

SUMMARY

Computer Science Engineering student proficient in C++ and SQL with experience in scalable software development. Strong understanding of Agile methodologies, debugging, and test-driven development.

EDUCATION

- | | |
|--|--|
| • PES College of Engineering
<i>Bachelor of Engineering in Computer Science and Engineering - 8.9 CGPA</i> | Mandy, Karnataka
2022 – Present |
| • SDM Residential PU College
<i>Pre-University - PCMC - 95.5%</i> | Dharmasthala, Karnataka
2020 – 2022 |
| • GSSS
<i>SSLC - 87.2%</i> | Mysuru, Karnataka
2010 – 2020 |

PROJECTS

- | | |
|---|---------------------|
| • Friday – Offline AI Assistant
<i>(Personal Project)</i> | Sept 2025 – Present |
| ○ Developing a fully offline AI assistant with wake-word detection, voice interaction, reminders, and file search. | |
| ○ Integrated OS-level automation with Python, Tkinter, and Porcupine wake-word engine. | |
| • HealthHub – Health Management Platform
<i>(Team Project)</i> | Apr 2025 – Jun 2025 |
| ○ Designed and developed a healthcare platform with secure data handling using MongoDB and Node.js. | |
| ○ Worked in an Agile environment, documenting system specifications and ensuring code quality through peer reviews. | |
| ○ Applied test-driven development principles to validate key features. | |
| • CareerBridge – Job Portal
<i>(Team Project)</i> | Nov 2024 – Jan 2025 |
| ○ Developed a full-stack job portal connecting job seekers and employers using React.js, Node.js, and MongoDB. | |
| ○ Implemented secure authentication, real-time dashboards, and modular APIs following Agile sprints. | |
| ○ Collaborated with a 3-member team and conducted code reviews to ensure maintainability and scalability. | |

ACHIEVEMENTS & ACTIVITIES

- **Winner** – “Dare to Debug” State-Level Coding Competition at PESCE, outperforming 50+ teams.
- **Finalist** – Re-Build Frontend Revamp Challenge, IEEE PESCE, showcasing innovative UI/UX redesign.
- **Selected Participant** – Escape Room & Hack-a-Maze challenges, UVCE Bengaluru.

TECHNICAL SKILLS

- **Programming:** C++, C, Java, Python(Basics), JavaScript(Basics)
- **Web Technologies:** HTML, CSS, React.js, Node.js, Express.js
- **Database Management:** SQL, MongoDB
- **Development Methodologies:** SDLC, Agile/Scrum, Database Management
- **Tools & Version Control:** Git, GitHub, VS Code
- **Concepts:** Cloud Computing (basic), AI/Automation, Digital Transformation
- **Operating Systems:** Windows