

ABHINAV K G

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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** Mandya, Karnataka
Bachelor of Engineering in Computer Science and Engineering - 8.9 CGPA 2022 – Present
- **SDM Residential PU College** Dharmasthala, Karnataka
Pre-University - PCMC - 95.5% 2020 – 2022
- **GSSS** Mysuru, Karnataka
SSLC - 87.2% 2010 – 2020

PROJECTS

- **Friday – Offline AI Assistant** Sept 2025 – Present
(Personal Project)
 - 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** Apr 2025 – Jun 2025
(Team Project)
 - 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** Nov 2024 – Jan 2025
(Team Project)
 - 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