Dev Bhagavan S.K

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About Me

Proactive Computer Science Engineering student with an enthusiastic approach to problem-solving and system building. Experience in internships that honed skills crucial for backend-focused roles. Driven by a strong passion for innovation, eager to apply backend development abilities to foster advancements and efficiencies in software solutions.

Education

APJ Abdul Kalam Technological University   **Oct 2022 - May 2026**
BTech, Computer Science   *Thiruvananthapuram, Kerala , India*
- **GPA:** 9.01/10.0
- **Achievements:** Honours in Cybersecurity
- **Coursework:** Computer Architecture, Operating System, Data Structures and algorithms, Computer Networks, Cryptographic Algorithms, Database Management System, Graph Theory, Data Analytics

Experience

CareStack   **Jun 2025 - Jul 2025**
Product Engineering Intern   *Kerala,India*
- Automated package version updates during Angular migrations, ensuring that host and remote microfrontend applications stayed in sync.
- Reduced manual intervention and version drift risks, saving significant developer time and effort.
- Integrated deployment-time safeguards to detect and block shared package version mismatches, preventing broken builds and improving production reliability.

Zelbytes   **Jan 2024 - Jul 2024**
Full Stack Developer Intern   *Kerala, India*
- Developed website projects using NextJS, Hygraph, and Clerk API, and separate projects using C++, which improved my skills in Internet of Things and Web Development
- Gained hands-on experience with IoT devices such as Arduino and IR sensors, which enhanced my practical skills in sensor integration

Volunteer

- **International Centre for Free and Open Source Solutions (ICFOSS) :** Maintained IoT Projects deployed by ICFOSS , ensuring reliability and consistent performance.

Projects

Securelink - One Time Secret | Github Link   **Mar 2025 - Apr 2025**
- A platform where you can create a link for a self destructing secret message
- Added Encryption for better security using security methods like Advanced Encryption Standard(AES).
- Tools Used: ReactJS, CSS, Golang, Postgres , Gin for Routing

Learning Management System | Vercel Link   **Jan 2024 - Jun 2024**
- Developed a Learning Management System where users can enroll, and watch courses, track their progress etc.
- Users can enroll to different courses including paid and free ones.
- Tools Used: NextJS,TailwindCSS, Hygraph

Sorting Visualizer | Github Link   **Jul 2024 - Jul 2024**
- Visualize how different sorting algorithms work in the Command Line Interface.
- Real time visualization of the sorting algorithm by plotting the array updation in the terminal.
- Tools Used: C Programming Language

Technologies

- **Languages**: C++, C, Java, SQL, JavaScript, HTML, CSS, Python, Golang, Node.js, GO
- **Frameworks and Libraries**: ReactJS, NextJS, TailwindCSS
- **Technologies**: Firebase, Hygraph, VMWare, VirtualBox, MongoDB, SQL, ArgoCD

Achievements

Kerala Startup Mission   **Jan 2023 - Oct 2024**
District Level Winners and State Level Finalists of the Young Innovators Program 5.0

IHRD Kerala   **Dec 2024**
Finalists in AI Samasya National Level Hackathon conducted by IHRD Kerala

IEEE College of Engg Chengannur, Kerala   **Nov 2024**

Finalists of the State Level Tri venue Hackathon conducted by IEEE Society of College of Engineering Chengannur, Kerala