ABHAY KUMAR

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PROFESSIONAL SUMMARY

Software Engineer with hands-on experience in full-stack projects (React, Node.js, Express, MongoDB) and Android applications. Passionate about building responsive, user-friendly interfaces and scalable backends. Quick learner who thrives in collaborative environments and enjoys solving real-world problems with clean, efficient code.

WORK EXPERIENCE

Web Development Intern – Codveda Technologies   **Jul 2025 – Aug 2025**

- Built a full-stack CRUD application with authentication using React, Node.js, Express, and MongoDB, improving understanding of REST APIs and secure login flows.
- Designed responsive front-end components with React and CSS to enhance user experience across devices.
- Integrated backend logic and APIs, gaining experience in scalable architecture and real-world deployment workflows.

PROJECTS

IoT Dashboard with ESP32 & React

- Developed a secure IoT system enabling authentication, data visualization, and remote device control.
- Integrated ESP32 microcontroller with a custom backend and React dashboard, enabling real-time monitoring and interaction.

Heartware – Tech4Good 2025 Hackathon (2nd Place)

- Built a donation platform in a 48h hackathon using React, .NET Core, and PostgreSQL.
- Improved donation accessibility with secure payment integration and a clean, intuitive interface.

Android Apps (Java, Android Studio)

- Developed mobile applications focusing on usability and performance.
- Applied best practices in Android lifecycle management and backend API integration.

EDUCATION

B.Sc. in Computer Engineering – IADE Lisbon   **Jul 2025 – Aug 2025**

- Strong academic performance with a focus on software engineering, IoT, and full-stack development.
- Active participation in team projects, hackathons, and workshops.

TECH STACK

- **Frontend:** React, HTML5, CSS3, JavaScript, Tailwind, Bootstrap
- **Backend:** Node.js, Express, REST APIs, .NET Core
- **Databases:** MongoDB, PostgreSQL
- **Mobile:** Android (Java, Android Studio)
- **Other:** Git/GitHub, Docker basics, IoT (ESP32), Generative AI