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|  | Birundha K | | | | | | | |  |
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|  | Cyber security analyze | full stack developer | | | | | | | |  |
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|  | CONTACT |  |  | PROFILE |  | | |  |  |
|  | :-7010548475   [Birundhakausalya475@gmail.com](mailto:Birundhakausalya475@gmail.com)  <https://github.com/Birundhakausalya>    <https://www.linkedin.com/in/birundha-k-5061762a3/> | |  | Bachelor of Engineering in Computer Science with a focus on Cybersecurity. Quick at understanding new security concepts and technologies, with a solid grasp of network protocols, security principles, and the landscape of threats, vulnerabilities, and protection methods. Hands-on experience in working with network security tools, firewalls, and penetration testing techniques. Proficient in Full Stack Development, including frontend (HTML, CSS, JavaScript, React) and backend (Node.js, Express, Python, Java), along with database management (MySQL, MongoDB). Skilled in Power BI for building interactive dashboards, data visualization, and deriving insights from large datasets. | | | | |  |
|  | SKILLS |  |  | PROJECT | |  | |  |  |
|  | JAVAHTMLCSSJAVASCRIPTPOWER BI(dashboard)EXCEL  * CYBER SECURITY | |  | VIRTUAL HERBAL GARDEN2024-2025The Virtual Herbal Garden is an interactive 3D platform for exploring medicinal plants with AR/VR support. It combines scientific data and traditional healing knowledge, offering multilingual access and AI-powered search. Users can view cross-sections, simulate plant growth, and explore real-time data interactively. Machine Learning provides personalized plant recommendations based on user needs. Accessible via web, mobile, and VR, it serves researchers, herbalists, and medical professionals alike. | | | | |  |
|  | EDUCATION |  |  |  |
|  | BE-COMPUTER SCIENCE AND TECHNOLOGY  * CGPA-7.5 * KARPAGAM INSTITUTE OF TECHNOLOGY. * KURINIJI SENIOR SECONDARY SCHOOL(CBSE). * 12TH-PERCENTAGE-59% * 10TH-PERCENTAGE-65.6% | |  |  |

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| QUICK FUEL(IDEA) **2024-2025**  Quick Fuel is a real-time mobile application designed to help users quickly locate and book nearby fuel stations. The app features GPS-based tracking using the Google Maps API, along with secure authentication powered by Firebase. It includes seamless payment integration through Razor pay or Stripe, ensuring a smooth and safe transaction experience. Built using Flutter or React Native for the frontend and Node.js or Python for the backend, the system utilizes Firebase or MySQL for efficient data storage and management. This solution aims to enhance convenience for users while ensuring secure, real-time fuel station access. MindMaze – Quiz & Treasure Hunt Game(Completed)2024-2024<https://scratch.mit.edu/projects/986041911/>   Developed an interactive 7-level quiz and treasure hunt game called Mind Maze, combining educational elements with entertainment. The game challenges players with questions at each stage, requiring correct answers to progress through increasingly complex levels. Designed the logic in Python and integrated Scratch for visual storytelling and animation to enhance user engagement. Implemented features such as score tracking, level unlocking, and interactive puzzles to promote logical thinking and problem-solving . ABC Students Dataset Analysis using Power BI2025-2025 Analyzed the ABC Students Dataset using Power BI containing information like student names, marks, subjects, attendance, and grades. Created a dashboard to show student performance, subject-wise marks, attendance analysis, and top and low-performing students. This project helps to easily understand student performance and areas for improvement through clear charts and visuals.  Todo App-Full Stack Web Application  **2025-2025**  Developed a responsive task management web application using MERN stack (MongoDB, Express.js, React.js, Node.js). Implemented features like user authentication (JWT), task creation, editing, and deletion. Integrated secure login and optimized UI for better user experience. certification |
| NPTEL(database management system)  * NOVITECH(Cyber Security course) * AWS ACADEMY GRADUATE-AWS CLOUD FOUNDATION * ETHICAL HACKER(Cisco Network academy program) * CODECHEF(Java) * MYANOTOMY-NCET CERTIFICATE. |
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