







RAMYA RK



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Profiles	 Ramyark818	 ramya-r-k
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Summary	<p>Computer Science and Engineering student at University BDT College of Engineering with a strong interest in front-end development and modern web technologies. Skilled in C, Python, Java (OOP), React.js, and Tailwind CSS, with practical experience developing responsive and dynamic web applications through academic projects and internships. Possesses strong problem-solving abilities, adaptability, and a collaborative approach, with a commitment to delivering effective software solutions and pursuing professional growth in the technology sector.</p>
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Experience	<p>Aurelia Technologies Pvt Ltd Feb 2025 – May 2025</p> <p>Web Developer Intern</p> <p> https://dub.sh/Ramya-aurelia</p> <p>Contributed to real-time web development projects utilizing HTML, CSS (SASS), JavaScript, and React.js. Acquired hands-on experience with version control (GitHub), debugging, software development life cycle (SDLC) methodologies, and Agile team collaboration.</p>
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Education	<p>Siddaganga Composite High School May 2017 - April 2020</p> <p>95.36% SSLC</p> <p>Siddaganga PU Science College August 2020 - May 2022</p> <p>PCMB PUC</p> <p>95.33%</p> <p> https://siddaganga.com</p> <p>University BDT College of Engineering December 2022 - Present</p> <p>Computer Science Engineering Bachelors of Engineering</p> <p>9.42</p> <p> https://www.ubdtce.org/</p>
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Projects	<p>Teaching Aid for sorting techniques using JavaFX</p> <p> https://github.com/Ramyark818/TeachingAid</p> <p>Developed a desktop-based application using JavaFX to assist students in understanding fundamental concepts through visual simulations and interactive UI. Focused on creating an educational aid that enhances learning effectiveness</p> <p>E-commerce Website using MERN Stack</p> <p> https://github.com/Ramyark818/Ecommerce-app</p> <p>Built a dynamic e-commerce web application using MongoDB, Express.js, React.js, and Node.js. Implemented features such as user authentication, product catalog, and order management to simulate real-world online shopping</p>
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Skills	Frontend Web Development		Generative AI
	HTML5, CSS3, Tailwind CSS, React.js		To develop RAG based applications, MCP and Langchain
	Java Full Stack		Backend Development
	Java, Javafx, Spring, Spring boot		Node.js, MongoDB, Mongoose
Languages	Kannada	English	Hindi
	Native	Fluent	Intermediate
Publications	Review Paper on Asymptotic Notations		
	https://journals.stmjournals.com/jocta/article=2024/view=177276/		
Volunteering	Authored an in-depth review examining diverse asymptotic notations in algorithm analysis, emphasizing their mathematical foundations, practical applications, and significance in assessing time and space complexity.		
	University BDT College of Engineering		
Interests	Paper Crafting		Playing Carrom
	Technical Co-ordinator		